19981110.qrp v01_n272.qrs.981110

Date: Tue, 10 Nov 1998 19:04:28 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1272

QRP-L Digest 1272

Topics covered in this issue include:

  1) [24627] The HF rigs I use
     by "Caitlyn M. Martin" <cait.martin@ibm.net>
  2) [24628] TT Argosy II
     by "Beaks" <beaks@westco.net>
  3) [24629] Re: Hate mail
     by James Parsons <k5rov@wcc.net>
  4) [24630] Re: PSpice Newbee!
     by Andy Fox <foxes@theriver.com>
  5) [24631] Re: Hate mail
     by Tom Palmer <n1tp@worldnet.att.net>
  6) [24632] Re: Hate mail
     by "Ron Polityka" <wb3aal@talon.net>
  7) [24633] QRP transceiver on the web
     by "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
  8) [24634] Re: Additions to Tayloe quadrature mixer
     by Chris Trask <ctrask@primenet.com>
  9) [24635] N7IR SS CW QRP
     by Gary Hembree <gary.hembree@asu.edu>
 10) [24636] Solar & G-Mag storm 11-9
     by Paul Harden <pharden@aoc.nrao.edu>
 11) [24637] Re: PSpice Newbee!
     by John Levreault <jlevro@mediaone.net>
 12) [24638] Re: Hate mail
     by Tom Palmer <n1tp@worldnet.att.net>
 13) [24639] SS CW QRP K1EPJ
     by DaveLeDuc@aol.com
 14) [24640] Re: Additions to Tayloe quadrature mixer
     by Roger Traylor <traylor@ECE.ORST.EDU>
 15) [24641] Re: 10-meter LPDA
     by Peter Larsen <larsenp@cadvision.com>
 16) [24642] Uncle Bruce Status
     by cjsterl@ix.netcom.com
 17) [24643] Contests, code speeds and the like
     by wd3p@juno.com (Larry Cahoon)
 18) [24644] Sweepstakes
     by wd3p@juno.com (Larry Cahoon)
 19) [24645] Re: SS at KK6MC/5

    by wd3p@juno.com (Larry Cahoon)
20) [24646] Itti Bitty radios in SS ....
    by walt-k8cv@juno.com (Walter D Amos)
21) [24647] Delete by subject headers
    by Ron <rong@slip.net>
22) [24648] Tuning Forks.
    by Ed Loranger <we6w@qsl.net>
23) [24649] Re: 10-meter LPDA
    by Peter Larsen <larsenp@cadvision.com>
24) [24650] NC20 on the air - BUST
    by gsurrency@juno.com (Gary L Surrency)
25) [24651] Re: Delete by subject headers
    by KC5TJA <kc5tja@topaz.axisinternet.com>
26) [24652] FOX: Novice Happy Dance - KB9BVN
    by JFD / WA8GHZ /5 <jdougher@wt.net>
27) [24653] Keep it nice
    by Fran Flynn <fflynn@together.net>
28) [24654] ss ooops K0FRP
    by alan dawkins <alk0frp@earthlink.net>
29) [24655] N3FJP SS Logging Program
    by Roger Hightower <n7kt@earthlink.net>
30) [24656] Re: Delete by subject headers
    by Roger Braker <msebrakr@telepath.com>
31) [24657] Re: Contests vs. Awards
    by Ab7wy@aol.com
32) [24658] Win a NorCal 20....
    by DLShips@aol.com
33) [24659] Win an LDG QRP AUTOMATIC TUNER.
    by DLShips@aol.com
34) [24660] Win a copy of the NorCal Pacificon QRP Forum Proceedings
    by DLShips@aol.com
35) [24661] FREE "RAINBOW TUNER" 30 - 40 METERS WITH SWR INDICATOR
    by DLShips@aol.com
36) [24662] Re: Hate mail
    by Norm Melick <henmel@gte.net>
37) [24663] Re: Delete by subject headers
    by "Ron Smith" <resmith666@uswest.net>
38) [24664] Re: Delete by subject headers
    by "Ron Smith" <resmith666@uswest.net>
39) [24665] Free Lunch
    by DLShips@aol.com
40) [24666] Re: QRP vs. ERP
    by Richard <kt4or@qsl.net>
41) [24667] Re: Hate mail
    by Paula Bailey <pmbail01@ox.slug.louisville.edu>
42) [24668] FOX - NT Log for tonight
    by brian <brian@iquest.net>
43) [24669] social attitudes

by Ab7wy@aol.com
44) [24670] Re: FOX - NT FOX TIME AGN!!!
by applitech@mcg.net (Claton Cadmus)
45) [24671] Re: social attitudes
by "Steve Sorrell" <ap036@detroit.freenet.org>
46) [24672] Re: N3FJP SS Logging Program
by "Ron Smith" <resmith666@uswest.net>
47) [24673] f5q, rig was Newbie Q's Part 1 & 2
by Rod Cerkoney <rwc@frii.com>
48) [24674] Solar Panels, QRP and other Field Day Stuff
by Ward Hill <w_hill@ns.net>
49) [24675] Re: Tech America flyer specials
by ka7you@juno.com
50) [24676] SSB SS and how I did in CW SS- N5BGZ
by Mike Dooley <msdooley@airmail.net>
51) [24677] SS Report and comments:
by "Lawrence T. Owens" <w4dec@dibbs.net>
52) [24678] Leonids Meteor Shower Nov.16-18
by Paul Harden <pharden@aoc.nrao.edu>
53) [24679] And now, a pleasant subject...
by William-McShan@ouhsc.edu (Mike McShan)
54) [24680] Optimist-80
by Steve Pitts <stv@cnw.com>
55) [24681] FOX: Log for 11/6Z
by "Marshall Emm" <mgemm@mtechnologies.com>
56) [24682] Re: Hate mail
by Robert Gutknecht <bobg@cecomet.net>
57) [24683] Re: Leonids Meteor Shower Nov.16-18
by Chuck Adams <adams@ticnet.com>
58) [24684] Re: QRP vs. ERP
by Lou Martin <lmartin@uswest.net>
59) [24685] Re: Hate mail
by Norm Melick <henmel@gte.net>
60) [24686] Re: hate
by Norm Melick <henmel@gte.net>
61) [24687] Solar event
by Pete Burbank <plburbank@kih.net>
62) [24688] re: Hate, ENOUGH!!!!
by Niels Jensen Kristjansson <nkristja@cadvision.com>
63) [24689] Re: Contest misconceptions
by Ab7wy@aol.com
64) [24690] Re: Hate mail
by "Bill Todd" <bill@willapabay.org>
65) [24691] Re: FOX: NF1N
by "Marshall Emm" <mgemm@mtechnologies.com>
66) [24692] Re: What a Fox!
by "Marshall Emm" <mgemm@mtechnologies.com>
67) [24693] Re: Solar event

by Paul Harden <pharden@aoc.nrao.edu>
68) [24694] Enuf with this hate mail B.S.
by Fred Lesnick <flesnick@tbaytel.net>
69) [24695] was: social attitudes....its now...done!
by Ab7wy@aol.com
70) [24696] Re.Solar event
by Pete Burbank <plburbank@kih.net>
71) [24697] 'old fart' mail
by Ab7wy@aol.com
72) [24698] Re: What a Fox!
by "Bill Todd" <bill@willapabay.org>
73) [24699] Low Cost 2-meter Hand Held
by K4AHK@ix.netcom.com
74) [24700] Northern Lights
by Peter_Simpson@ne.3com.com
75) [24701] SWR/ Watt meter help
by "Jim C" <jimc@msw0.attnet.or.jp>
76) [24702] Alinco DJ190T
by "Gene Hall" <evhall@ix.netcom.com>
77) [24703] 11-2-10 Info
by K2UD@aol.com
78) [24704] MCM Info
by K2UD@aol.com
79) [24705] "Old Fart" QRP Question
by n3aaz-qrp@juno.com (John R Kirby)
80) [24706] FS: Solid State amp
by Niel Skousen <skousen@srv.net>
81) [24707] Re: Contest misconceptions
by "Edward A Kwik jr" <eakwikjr@hti.com>
82) [24708] Re: Solar event
by Scott Howell <whowell@hq.nasa.gov>
83) [24709] grp purchase of a book
by Scott Howell <whowell@hq.nasa.gov>
84) [24710] group purchase of a book
by Scott Howell <whowell@hq.nasa.gov>
85) [24711] Need 50 ohm Teflon mini coax
by David Shalita <af389@lafn.org>
86) [24712] Re: QRP vs. ERP (A bit long . .)
by Ed Manuel <n5em@flash.net>
87) [24713] RE: Solar event
by Kevin Muenzler WB5RUE <wb5rue@stic.net>
88) [24714] Yaesu FT-7 power reduction?
by "Jim Johnson" <km7h@gte.net>
89) [24715] FYI Meteor Showers
by n3aaz-qrp@juno.com (John R Kirby)
90) [24716] Re: Need 50 ohm Teflon mini coax
by "Radman" <radman@best.com>
91) [24717] Re: Sweepstakes comments

by "Bob Kellogg" <ae4ic@nr.infi.net>
92) [24718] Ham Key & Brown Brothers paddles
by "Richard E. Robinson" <rerobins@email.uncc.edu>
93) [24719] November Sweepstakes - Another Perspecitve
by "Stephen D. Cohen" <scohen@xps.xybion.com>
94) [24720] Re: November Sweepstakes - Another Perspecitve
by Chuck Adams <adams@ticnet.com>
95) [24721] Re: QRP vs. ERP (A bit long . .)
by "James A. Carmody" <carmodyjim@earthlink.net>
96) [24722] Re: 11-2-10 Info
by Norm Melick <henmel@gte.net>
97) [24723] Want: IC-728 QRP & band mods
by JCoote@aol.com
98) [24724] RE: FYI Meteor Showers
by n3aaz-qrp@juno.com (John R Kirby)
99) [24725] QRO response to QRP contesters (long)
by Grant Taylor <k7gt@qsl.net>
100) [24726] Re: The HF rigs I use
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
101) [24727] Re: MY REPLY
by Rod Cerkoney <rwc@frii.com>
102) [24728] Re: Sweepstakes comments
by Bob Patten <n4bp@bc.seflin.org>
103) [24729] mylar caps
by Michael Maiorana <mikemo@ibm.net>
104) [24730] ATTITUDE, mode and MANNER
by n3aaz-qrp@juno.com (John R Kirby)
105) [24731] Re: fast cw
by Brian Kassel <bkassel@dancris.com>
106) [24732] Audio Phase shifter number of poles, adjustments and filtering
by Pierre Constantineau <pierre@cmpe.ubc.ca>
107) [24733] Re: Sweepstakes comments
by Chuck Adams <adams@ticnet.com>
108) [24734] Re:Tuning Forks trade and Res. Spkr project.
by Ed Loranger <we6w@qsl.net>
109) [24735] SS - The Last Word
by Brian Kassel <bkassel@dancris.com>
110) [24736] SS Results - W5VBO
by Brian Kassel <bkassel@dancris.com>
111) [24737] Re: fast cw
by "ROBERT EVANS" <revans@sarnoff.com>
112) [24738] SS Log Format
by "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
113) [24739] Fox hunt, ck out new site, pot tnx Jerry!
by tom whalen <whalen@swcp.com>
114) [24740] Your Bazooka Antenna design.
by "Curtis D. Levin" <kd4zkw@amsat.org>
115) [24741] Antenna Contest Exchanges: An Invitation (long)

     by "Bruce Prior" <n7rr@hotmail.com>
116) [24742] Re: Your Bazooka Antenna design.
     by Ed Loranger <we6w@qsl.net>
117) [24743] Re: November Sweepstakes - Another Perspecitve
     by wd3p@juno.com (Larry Cahoon)
118) [24744] Fox: Tuesday night -- final notice!
     by "Michael A. Gipe" <mgipe@reliablemeters.com>
119) [24745] Re: Sweepstakes comments
     by Bob Patten <n4bp@bc.seflin.org>
120) [24746] last post on the book "   RIDE THE AIRWAVES WITH ALFA
  & ZULU"
     by Scott Howell <whowell@hq.nasa.gov>
121) [24747] Re: Tuning Forks trade and Res. Spkr project.
     by Ed Loranger <we6w@qsl.net>
122) [24748] FOX: N1FN Log for 11/6 (final?)
     by "Marshall Emm" <mgemm@mtechnologies.com>
123) [24749] SCV 2nd installment
     by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
124) [24750] SV: SV: miniR2 and R2 phase shifter
     by "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
125) [24751] Re: Antenna Contest Exchanges: An Invitation (long)
     by Monte Stark <ku7y@dri.edu>
126) [24752] Re: FOX: N1FN Log for 11/6 (final?)
     by Dick Schneider <rschneid@ix.netcom.com>
127) [24753] Re: The 'ol 10m Sierra output problem
     by "Bob Kellogg" <ae4ic@nr.infi.net>

Date: Mon, 9 Nov 1998 18:58:28 -0500
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [24627] The HF rigs I use
Message-ID: <000d01be0c3c$d9735d20$4fc809c0@newtoninst.coim>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I've gotten a number of questions about the HF rigs I use is. Rather
than answering them one by one, I thought I'd post to the list again.
For those of you who have read this all before, my apologies for the
bandwidth. It seemed there were enough questions to justify this.

I own two pieces of HF gear at present, both made by Tokyo HyPower. One

is an HT, model HT-750. It is still in production, was sold here briefly in the early '90s, is FCC type accepted, and can still be ordered and imported directly from the manufacturer in Japan. It covers 15 and 40 meters, 3 watts CW or PEP SSB, and 6 meters at 2 watts output. It's got a digital display (unlike the Mizuho rigs), and has a fair number of features for a handheld. I posted a really detailed description here once, and I believe I did to the THP reflector as well.

My other piece of gear is a VHF to HF transverter, the model HX-240. It puts out 15-50 watts on high power, and 1.5 to 5 watts on low power, 80 through 10 meters, with 2 to 5 watts input power from a 2 meter allmode. With my 2.5 watt Yaesu FT-290R as an IF I can get roughly 4 or 40 watts out. It's small, as in smaller than an IC-706, and is, sadly, out of production. I don't think they sold very many. It's also of early 90s vintage.

I am list mom for the Tokyo HyPower reflector, so I'll throw in one more plug for it. You can join by going to this URL:

http://www.onelist.com/subscribe.cgi/thp

We have an archive on the Onelist site, where you can see that past posts about these rigs.

72/72,
Caity
KU4QD

Date: Mon, 9 Nov 1998 18:55:57 -0500
From: "Beaks" <beaks@westco.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [24628] TT Argosy II
Message-ID: <000a01be0c3c$7f568420$a04ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just picked up the Omni D this past week that I had been wanting for quite some time now so I'm running out of space, may let the Argosy II go. Was thinking about using it for some mobile ops but it will just get beat up in the car. Someone was asking about one a short time back here on the list. If anyones interested drop me a note at
beaks@westco.net

Thanks all,
Arch NQ8RP

Date: Mon, 09 Nov 1998 18:01:26 -0600
From: James Parsons <k5rov@wcc.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24629] Re: Hate mail
Message-ID: <36478256.4135B1CA@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree...I will shut up, or change the subject!

Sachsarch@aol.com wrote:
>
> Enough already. Let's get back to the purpose of this reflector

--

James (Jim), Parsons, K5ROV USAF, Ret. 58 yrs a HAM
k5rov@wcc.net, ICQ-17012707, QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 09 Nov 1998 17:03:04 -0700
From: Andy Fox <foxes@theriver.com>
To: SBillingsley@usaninc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24630] Re: PSpice Newbee!
Message-ID: <364782B8.6EE9F728@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Sam,

I'm new to PSpice too. Here's what I know (it's short).

MicroSim was taken over by OrCAD. They renamed the product to "OrCAD

PSpice" but its the same product. Even says "MicroSim" when you install the software. You can get the demo version at:

http://www.orcad.com/products/cddemo4_f.htm

I bought these two books a few months ago. My priorities changed shortly after purchasing them, so I'm only partly through the first book. So far I have found it useful.

Microsim Pspice for Windows : A Circuit Simulation Primer : Dc, Ac, and Devices and Circuits Vol 1

Microsim Pspice for Windows : Operational Amplifiers and Digital Circuits Vol 2

I bought these books at the local Borders book store. They are available at www.amazon.com too.

If anybody else has more to add, please post it to the list. I'm sure we're not the only two people out here who could use some more pointers.

72 de Andy, KK7HV

Date: Mon, 09 Nov 1998 19:08:34 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: Sachsarch@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24631] Re: Hate mail
Message-ID: <36478401.1CB6D4B1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree. ENOUGH ALREADY!! Nothing productive or constructive has happened on this issue for the past few days.
Tom, N1TP, Naples, Fl.

Sachsarch@aol.com wrote:

> Enough already. Let's get back to the purpose of this reflector

w days. Tom, N1TP, Naples. Fl.

Sachsarch@aol.com wrote:

> Enough already. Let's get back to the purpose of this reflector

---

Date: Mon, 9 Nov 1998 19:06:43 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [24632] Re: Hate mail
Message-ID: <002501be0c3e$2cd33f20$9d5445c6@programs>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Talk about beating a dead horse!

73 & Good DX,
Ron de WB3AAL   wb3aal@talon.net

      vvv Eastern PA QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
                   Eastern PA QRP #1

Date: Tue, 10 Nov 1998 01:07:32 +0100
From: "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
To: "qrp-l list" <qrp-l@lehigh.edu>
Subject: [24633] QRP transceiver on the web
Message-ID: <199811100009.BAA19714@mb05.swip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi All

I am a newbie on this list. I have been reading the messages
for a while and I understand that the QRP related information
has low priority compared to all the "what should be on this list"
and "what should not be on this list" messages.

Anyway, I hereby waste some bandwidth to tell you that there
is a complete building instruction for a 1 watt DSB 80m transceiver
on my web page. PCB layout is included. Look for "Optimist-80".

The transceiver has no CW capability at all which means that,
according to information from the QRP-L list, it is not a QRP rig...
However, using this rig on the air is really fun!

72 from Johan Bodin, SM6LKM

Homepage: http://home4.swipnet.se/~w-41522/

(I love CW too)

Date: Mon, 9 Nov 1998 17:09:55 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24634] Re: Additions to Tayloe quadrature mixer
Message-ID: <Pine.BSI.3.96.981109170548.9396B-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Nov 1998, Dan Tayloe-P26412 wrote:

> I have thought about this in the past. On the positive side
> is the advantage you have mentioned.
>
> On the negative side, five bias points are now required to
> keep pop out (four capacitor and the antenna side). In
> addition, the resistors on the capacitor side will contribute
> additional noise.
>
     Not so. Only requires one bias point if done properly.
And you won't notice the noise at all. Everything else, including
the background terrestrial and galactic noise, will make the additional
circuit noise unnoticable.

>
> With all the audio gain, I suspect small voltage level swings
> due to higher transmit currents will cause pops anyway that
> need to be muted at receiver anyway.
>
     Commutative filters do not produce switching "pops" if the
clock speed is set high enough.

>
> I decided to pass.

>
> The idea that I really liked was the one someone suggested to
> me that the unused second side (it is a **dual** 1 of 4 mux)
> be paralleled with the first for decreased resistance loss
> (5 ohms -> 2.5 ohms). I can't guess whether that will help
> or hurt the third order intercept.
>
    Won't help all that much. Your filter resistance is much higher
than the commutative resistance, so it's of little consequence. I'm
using the second bank for the second capacitor in the 2-pole circuit.

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Mon, 09 Nov 1998 17:13:17 -0700 (MST)
From: Gary Hembree <gary.hembree@asu.edu>
To: qrp-l@lehigh.edu
Subject: [24635] N7IR SS CW QRP
Message-ID: <3.0.32.19981109171319.00906dd0@imap4.asu.edu>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

ARRL SWEEPSTAKES -- 1998
Call: N7IR Section: Arizona
Mode: CW Category: Single Operator QRP

BAND QSO QSO PTS SECTIONS

160	0	0	-
80	35	70	-
40	221	442	-
20	152	304	-
15	164	328	-
10	0	0	-
Totals	572	1144	76 (Missed AK, YT, NL)

(No surprise!)

Score: 86,944

Power Output: 5 watts Hours of operation: 24

Equipment Description:
Ten Tec 546C times 2, 5 Watts out each
Force 12 5BA at 73'
Force 12 EF-240/230 at 84'
Force 12 C3S at 40'
80 meter delta loop

Club Affiliation: Central Arizona DX Association

Soapbox: Round up the usual excuses!

Saturday afternoon was great but I could tell Trouble was brewing by the weird sound of everyone's signal on 40 meters later in the evening. When I went to bed at 0800Z I still had a shot at breaking 700 Q's for the first time in the Sweepstakes. I then came very close to throwing in the towel on Sunday after many sub-20-Q hours of trying to play (badly) two radio operator and survive the 20 meter madhouse. Finally pulled out of a complete disaster by running for the last 2 hours on the high end of 40. My hat's off to K1TR, KG5U, N0AX, et al who managed to keep the rate up and finish >700 Q's this year with QRP!

This year's lessons learned:
1) Cloud warmers are needed on 80 AND 40!
2) 250Hz crystal filters are wonderful!

Nice to meet so many QRPers in the SS! I think I worked a record number of Q precedents this year. Got a lot of high QSO NR's from them as well. Keep up the good work folks!

73
Gary, N7IR
qrp-l 1330
Northwestern Chandler, Arizona aka DM43bi

Date: Mon, 9 Nov 1998 17:20:10 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Subject: [24636] Solar & G-Mag storm 11-9
Message-ID: <Pine.SOL.3.91.981109165858.3099A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 313 ISSUED AT 2200Z ON 09 NOV 1998

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY TO 09/2100Z:
SOLAR ACTIVITY REMAINED MODERATE. REGION 8375 (N21W74) PRODUCED AN M1/1F
AT 08/2256Z. THIS REGION RETAINED ITS MIXED POLARITIES AND ITS AREAL
COVERAGE IN WHITE LIGHT WAS UNCHANGED.

Just means the area is magneticly complex (the mixed polarities meaning
both N and S magnetic fields present) and an area capable of producing
further activity.

> SEVERAL CORONAL MASS EJECTIONS WERE OBSERVED IN THE
> SOHO CORONAGRAPH DURING THE PERIOD. THE LARGEST WERE FROM MODERATELY
> HIGH LATITUDES ON THE SOUTHEAST AND NORTHWEST LIMBS.

Since these CME's were near the limb, they likely will NOT effect us.
And, isn't it nice to see SOHO back on line after it's near death
experience?

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z:
> THE GEOMAGNETIC FIELD RANGED FROM UNSETTLED TO MAJOR STORM LEVELS.
> THE MOST DISTURBED PERIOD WAS FROM 09/0600-1200Z.

The solar wind increased to 700 km/sec and the density to about 35
protons/cm^3 ... high speed, high density being characteristics of the
shock wave of a CME. Furthermore, sudden shifts in the direction and
temperature this morning pushed the geomagnetic field into MAJOR storm
levels. This was a sudden onset about 0900UTC this morning, driving the
K-index into the 5-7 range all day. Todays planetary A-index average is
72 so far, or MAJOR storm levels. Things are subsiding now. Last
measured K-index was 4.

> SOME HIGH LATITUDE SITES EXPERIENCED SEVERE STORMING DURING THAT TIME.

And auroral activity. Although no Polar Cap Absorption Event was

triggered by todays activity.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE
> AT UNSETTLED TO MINOR STORM LEVELS FOR 10 NOV. PERIODS OF MAJOR
> STORMING ARE POSSIBLE ON THAT DAY. QUIET TO ACTIVE CONDITIONS ARE
> EXPECTED ON 11 NOV AS THE CURRENT DISTURBANCE SUBSIDES. QUIET TO
> UNSETTLED CONDITIONS SHOULD OCCUR ON 12 NOV.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED   09 NOV 162 <---------- 10-15M have to be open
> PREDICTED   10 NOV-12 NOV 162/156/145

At least the flux is quite high, so try working the higher bands.
Remember, solar flux effects the higher bands and a geomagnetic storm
effects the lower bands. 20-30M gets caught in the crossroads.

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 08 NOV 036/068 <------ MAJOR storm levels
> ESTIMATED AFR/AP 09 NOV 035/072 <------ ditto
> PREDICTED AFR/AP 10 NOV-12 NOV 020/025-012/012-010/012

But, it's quietting down fast and 40M should be fairly usable tomorrow
nite.

72, Paul NA5N

Date: Mon, 09 Nov 1998 19:27:38 -0500
From: John Levreault <jlevro@mediaone.net>
To: foxes@theriver.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24637] Re: PSpice Newbee!
Message-ID: <3647887A.BA805082@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A couple more titles:

"Spice: A Guide to Circuit Simulation & Analysis Using PSpice" by Paul W.
Tuinenga, Prentice Hall, ISBN 0-13-747270-6

"PSpice for Windows: A Circuit Simulation Primer" by Roy W. Goody, Prentice
Hall, ISBN 0-02-345022-3

de nb1i
John

Date: Mon, 09 Nov 1998 19:44:51 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: wb3aal@talon.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24638] Re: Hate mail
Message-ID: <36478C83.43D398E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not only has this horse been beaten to death, the corpse has been
pulverized into pulp. Tom, N1TP, Naples, Fl.

Ron Polityka wrote:

> Talk about beating a dead horse!
>
> 73 & Good DX,
> Ron de WB3AAL   wb3aal@talon.net
>
>   vvv Eastern PA QRP Web Page vvv
> http://www.kpsnet.com/wb3aal/Start_Page.htm
>   Eastern PA QRP #1

Date: Mon, 9 Nov 1998 19:50:16 EST
From: DaveLeDuc@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24639] SS CW QRP K1EPJ
Message-ID: <d04242a0.36478dc8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

525 Q's 79 Sections 82,950

I started out on 10, because it was open. WOW!
#5 K7XC in NV, #12 VY1A, #27 KL7HF, #30 ND four of the toughest sections in the first hour and a half.
NH7A and KH6HD were booming in to the northeast 20 over 9 at 5AM local on sunday morning. I called them till I was blue in the face, and not even a ? or a QRZ. I did get each of them later sunday afternoon on 15/20. With 5 hours left only needed SB, NF, and MAR.
What a surprise when I called W7CB and he came back with "SB".
Thanks VO1MP for listening for QRP signals. Finally found VE9HF high on 40 for the sweep.

Worked many "Q"'s during the contest all with great signals.

Rig TenTec Omni VI turned down to 4 watts and TenTec Argo 509.
      80 Dipole @ 65 feet.
      40 Delta loop (top at 60 feet)
      20-10 A3S at 40 ft.
Can't wait till next year.
73 Dave K1EPJ

Date: Mon, 09 Nov 1998 16:53:16 PST
From: Roger Traylor <traylor@ECE.ORST.EDU>
To: ctrask@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [24640] Re: Additions to Tayloe quadrature mixer
Message-ID: <199811100053.QAA02414@guille.ECE.ORST.EDU>

Chris,
  Would you mind sharing more details of the idea behind the
  extra pole of filtering for the Tayloe mixer and how you
  plan to implement it? There is just enough detail here to
  make me horribly curious.

  Thanks,

  Roger Traylor
  WB4TPW

> On Mon, 9 Nov 1998, Dan Tayloe-P26412 wrote:
>
> > I have thought about this in the past. On the positive side
> > is the advantage you have mentioned.
> >

> > On the negative side, five bias points are now required to
> > keep pop out (four capacitor and the antenna side). In
> > addition, the resistors on the capacitor side will contribute
> > additional noise.
> >
>   Not so. Only requires one bias point if done properly.
> And you won't notice the noise at all. Everything else, including
> the background terrestrial and galactic noise, will make the additional
> circuit noise unnoticable.
>
> >
> > With all the audio gain, I suspect small voltage level swings
> > due to higher transmit currents will cause pops anyway that
> > need to be muted at receiver anyway.
> >
>   Commutative filters do not produce switching "pops" if the
> clock speed is set high enough.
>
> >
> > I decided to pass.
> >
> > The idea that I really liked was the one someone suggested to
> > me that the unused second side (it is a **dual** 1 of 4 mux)
> > be paralleled with the first for decreased resistance loss
> > (5 ohms -> 2.5 ohms). I can't guess whether that will help
> > or hurt the third order intercept.
> >
>   Won't help all that much. Your filter resistance is much higher
> than the commutative resistance, so it's of little consequence. I'm
> using the second bank for the second capacitor in the 2-pole circuit.
>
>
>   ,----------------------.   Circuit Design for the
>   /   What's all this   \   RF Impaired
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   ATG Design Services
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \
>   \ '"   \   Technical Editor,
>   .   ( ) \   QRP Quarterly
>   '-|)__| :. \   QRP ARCI 9464
> | | | | \ '.
>   c__; c__; '-..'>.__   Email: ctrask@primenet.com
>   http://www.primenet.com/~ctrask
>

>   Graphics by Loek Frederiks
>
>
>
>

Date: Tue, 10 Nov 1998 00:51:48 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24641] Re: 10-meter LPDA
Message-ID: <36478E24.D9B0E36A@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi L.B.:

LPDA's work fine, but have you thought of a 5 elem. on a 20
foot boom? This may be out of your design parameters. So if so
please disregard.
I have built one with even spacing of all elements. About 5 foot
spacing. Then tuned the reflector for max F/B. With this set up
I have gotten two "sweet spots" in the SWR pattern. One around
28.5 and the other around 28.5. Maybe I just fell into this
pattern? It covered all of ten, worked well, and I still have the
parts. DXCC and WAS in less than 6 months.
--
 73 es have fun
 Peter
 VE6YC DO21wc

 Q. What does the agnostic dyslexic insomniac do at night?
 A. Lies awake wondering whether there really is a dog.

Date: Mon, 9 Nov 1998 19:01:52 -0600 (CST)
From: cjsterl@ix.netcom.com
To: qrp-l@lehigh.edu
Subject: [24642] Uncle Bruce Status
Message-ID: <199811920029241@ix.netcom.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings,

Had a lovely visit with Bruce/W6TOY last Friday afternoon while at home recuperating from hip-replacement surgery. Progesss is slow but steady ... lost a few pounds and even beginning to complain. You be the judge ... is Uncle Bruce is back or what?

I need to get him back on the key before he forgets the code ... he's only been licensed since Moses parted the sea! We're planning a 30M DXercise one evening in the near future. He's ready for scheds!

All in all, he's doing very well.

Regards,
Craig/AA3MD

Date: Tue, 10 Nov 1998 01:01:37 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [24643] Contests, code speeds and the like
Message-ID: <19981110.010140.4366.1.wd3p@juno.com>

A former boss of mine used to say fight only the battles you can win.

We are not going to change the code speeds in the major contest by fussing about them. They are a fixture of the contests.

For better or worse if you want to play contest in the fast lane you have to find a way. I wanted WAS, I wanted 5BWAS, I wanted DXCC. First time I played SS CW was 10 month after I got my ticket and only 5 months after I got my HF rig. I had a grand total of 324 QSOs in the log. I only had Saturday to do it as I had to get up at 900z for a work trip to Jamaican. For 5 hrs of hard work I got all of 29 QSO's. That is a mere six per hour. I learned to listen till I knew what he would send - I had his call, I had the CK, I had the Prec. and I knew the next number. Oh, how I hated numbers.

Later I progressed to where I would only work the guy when I was sure of his call. I knew if I missed the other stuff, I could get it with the QSOs that followed mine. Every now and then he went QRT before I got it, or the QRM got him, but for the most part It worked.

The second year I was back - 391 QSOs

The third year it was 530 QSOs then 550 QSOs - I slowed down as I wanted 5BWAS, and I could only work a guy once. I was afraid if I sent CQ on 20 Meters I'd get WY, or UT, or NV or ID when I needed them on 80 Meters. One fun event was a NA QSO party where I got ND to QSY from 160 Meters where he answered my CQ to 80 Meters and then to 40 Meters where I need him for the 5BWAS.

The following year I had the 5BWAS and it was 640 QSOs. Then next year It dropped back to 550 QSO - I wanted the Clean Sweep Mug - It now sits in the shack. After that I kept at it, but let it slide. It took six years to get that Mug - so it is a prized possession.

That was all at 100 Watts with some dipoles. Then came the QRP bug and now I'm back at it again. Still waiting for WAS in SS QRP - came out one state short this year. It will come - then the goal will be a clean sweep. But in the meantime I intend to have fun.

Summery - it is a progression of hard work and effort to get the speed up, and just as important to get the contest skill under your belt. Don't expect it without the work. As Chuck said 30 minutes a day of code work. Complaining about code speeds will not change the contest situation. These guys are out to get as many QSOs in the log in a limited amount of time, and will act as they, not I, see as best means to do just that.

73/72 de Larry....WD3P

_____
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Date: Tue, 10 Nov 1998 00:16:40 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [24644] Sweepstakes
Message-ID: <19981110.010140.4366.0.wd3p@juno.com>

It was Great!!!!!

I Ran the full 5 Watts to a bunch of dipoles in MD(MDC for those who use NA). Sure glad I didn't read the list and hear all the advice before the contest. I might have worried about not having a tower. I spent several hours sending CQ. Somehow I figured they might hear my signal. Only got

chased from the frequency twice. Kept saying I'll move on shortly. Spent better then 2 hours Saturday evening on 80 Meters just sending CQ and never got chased away, not even close.

Net result was 539 QSOs in 73 sections - 49 states, missed AK.
Ended up with 78,694 points.
Put in a total of about 19 hrs. - now I wish I hadn't slept so long Sat. night.

By band
80 M - 176
40 M - 215
20 M - 98
15 M - 46
10 M - 3

Total - 539

Fun events:
1. RI was all over the place, even got a 2xQRP to RI in the deal
2. WY answered my CQ on 80 M saturday night - I was his nr 3. Also got AZ there.
3. State hard to find - ignoring AK - WA, had to wait until Sunday evening on 20 M.
4. Someone said ME was hard to get - no such problem here, DE was also an easy catch.
5 Worked 32 QRP stations, mostly while sending CQ
6. Heard Chuck twice, once for his last contact of the contest - never worked him though.
7. Picked up HI twice Sunday afternoon.

Strategy
1. 20 M and up are for multiplies, so they limped along Saturday afternoon and most of Sunday.
2. 40 M and 80 M are the best band in the East especially for QRP, the mass of population just dictates that you make the most of them.
3. Stayed on 80 Meters on Saturday evening while the big boys fought it out on 40 Meters.
4. Sunday, I kept going back to 40 Meters. Filling in when the pickings got slim on 20M and 15 Meters. Those two seemed to pick up an hour or two before sunset Sunday.
5. Sunday night found me on 40 Meters and 80 Meters.

Goals
     I know I am supposed to have goals for contest, but I was too busy having fun so I forgot to set them before the contest. Ended up with 200+ QSOs Saturday. When I started working Sunday I realized that If I could keep a good pace I'd make it to 500, so that became the goal. For a

while it seemed that it would be hard to get. Things got slow Sunday afternoon. But after sunset they picked up and with better than a hour or two to go the 500 mark became history. It was a bit late when I figured that I could make 80,000 with a bit of extra effort. Came up one section or about 8-10 QSOs short.

One goal I did have gave up on, I was having to much fun. I was going to try to add to my list of states at 30 mWatts. Hay, you have to be flexible sometimes.

Code speeds

Since this is an issue I guess I must mention it. I kept the keyer (no computer hookup at all here - just an original Logikey with the Bencher paddles) set at 25-28 wpm. Moved it up to 30 at times and down to 18-20 at times. Fun is coming back to the 35+ crowd at their speed to see if they can copy at the speed they are sending. Most can, but more than a few have problems. I learned a long time ago (been a ham all of 9 years) that the guys sending CQ are always going faster than the search and punce bunch. So I join the CQ crowd whenever I can. Then I get to copy the slower speeds. I just have to be prepared for the speed demon who comes along a 35+. Besides, once you have run a frequency in a contest and see the fun of it, it is real hard to go back to search and pounce.

Enough said, 73 de Larry....WD3P

_____
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Date: Tue, 10 Nov 1998 01:09:10 +0000
From: wd3p@juno.com (Larry Cahoon)
To: mwattcpa@earthlink.net, qrp-l@Lehigh.EDU
Subject: [24645] Re: SS at KK6MC/5
Message-ID: <19981110.011259.4366.2.wd3p@juno.com>

On Mon, 09 Nov 1998 21:50:31 GMT mwattcpa@earthlink.net (Marty Watt) writes:

>believe it was Sunday afternoon and my numbers were 1, 2, etc.
>Lesson: If your number will sound strange, add the leading zeros!
>
If you hold a freq you find a lot of guy start Sunday evening.I got a 2 back at 0000z Sunday night/monday morning. Got a 27 with an hour and a half to go in the contest.

73 de Larry....WD3P in MD

_____
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Date: Tue, 10 Nov 1998 01:14:56 GMT
From: walt-k8cv@juno.com (Walter D Amos)
To: qrp-l@lehigh.edu
Subject: [24646] Itti Bitty radios in SS .....
Message-ID: <19981110.012846.-66333.7.walt-k8cv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks.....

I used my qrp radios in SS, some home made , some store bought but not by me, as I got them second hand. They all seemed to work ok up to 40 wpm once I got the other guys report and he was hot dogging along at 35 wpm , I would just see how good he really was and they all never needed a repeat. Some great operators out there. You want slow , always look high in the band. Below are the contact numbers and the radio used. I was using TRLOG contest software. Just a different perspective on all the SS reports :)

1 - 12 my INDEX QRP ++ with the diodes OUT of the IF and Larry's agc mod.

13 - 137 my OHR-400 with the pre-amp bypassed and the agc set at 5.5 volts.

138 - 162 my ARGONAUT II with an agc mod someone put in there, that jones filter is good but the OHR is better..

163 - 172 my TS-50 at 5 watts, with a $128 dollar blow by 500 Hz cw filter and all the front end attenuation possible.

173 - 184 my ARGONAUT 515 with a TT 500 Hz cw filter in the box, nostalgia rig!

185 - 235 back to the OHR-400 with the agc now set at 6 volts, helps with 1.5 kw sigs !

236 - 251 my sierra and thought it was broken until I realized I had the buzz not on, now where are those 5 watt mods, have to do them some day !

252 - 285 back again to the cast iron front end OHR-400 and a qrp gallon (5 watts)!

"That's all folks"

The OMNI6+ and FT-1000D gathered dust along with the ALPHA 78 ..... :-)

Walt K8CV " We're just a small subgroup of an eclectic corner of a dying hobby! "

_____
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Date: Mon, 09 Nov 1998 17:41:42 -0800
From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [24647] Delete by subject headers
Message-ID: <364799D6.3F2@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Am I the only person that scans the postings' subject headers and ends up deleting most without reading them? I find that an efficient way to get what I need from this fine list. It does have a great deal of useful information, and it is my method of deleting based on Subject line that makes it useful to me. It is enough to see a certain subject for a week or two to realize how it could get tiresome if not related to the actual enjoyment of (remember?) low power amateur radio equipment and operation. Thanks everybody....I wonder how many trashed this without reading it? Those who did, were doing the right thing...If you are not interested, it is a waste of time.

Date: Tue, 10 Nov 1998 01:43:07 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24648] Tuning Forks.

Message-ID: <36479A2B.5796@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Gang. Well they shut off my Water again so can't buy any
toys for the Resonant speaker project... At least I'm not
all wet.

I'm currently in the need for a TUNING FORK. Something in the
700 Hz range. Maybe a set of tuning forks for some more
Audio Experiments????

Actually, If someone has some with frequencies I can tune some
PVC pipes to, say "C,D,E" etc. in the musical scale then I
could make some musical boom pipes to donate to the school
music program.

But my primary need is to set up some acoustical experiments
and the Tuning Forks would be better than the audio signal generators
I have (2 of them.)

I do still have some smart chargers remainingg that I can trade.
Choice of 12Volt Pulsing smart charger or 13.8 Volt DC linear
powersupply charge. Both with integrated Charging curves set
exclusively for charging Gel Cells. Both capable of continuous
duty at 480mA.

Helpful parties please email both: mailto:we6w@juno.com and
mailto:we6w@qsl.net

Thanks for any assistance in this exciting project. And don't
be shy, something covering the SSB range would be helpful in
tuning the SSB module I'm working on.
-Ed
--
72, Ed WE6W (CW only/VP-0); http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Tue, 10 Nov 1998 01:40:35 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24649] Re: 10-meter LPDA
Message-ID: <36479993.C14FBA23@cadvision.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry all. The sweet spots should have been 28.5 and 29.5

Oh well back to my hole
--
 73 es have fun
 Peter
 VE6YC DO21wc

 Q. What does the agnostic dyslexic insomniac do at night?
 A. Lies awake wondering whether there really is a dog.

Date: Mon, 9 Nov 1998 18:36:36 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: fifield@pacbell.net, mgipe@reliablemeters.com, ddm@datatamers.com,
ki6ds@dpol.k12.ca.us
Cc: qrp-l@lehigh.edu
Subject: [24650] NC20 on the air - BUST
Message-ID: <19981109.184956.11830.2.gsurrency@juno.com>

Well, I was on or around 14.060 MHz and 14.020 Mhz several times today
calling CQ, but the band was in terrible shape. So I didn't make any
contacts with the prototype NC20. If the band improves later or tomorrow,
I'll try again.

I barely heard someone calling me around 14.060 once, but could not make
out the callsign. So, if that was you - I'm sorry the conditions were so
bad I couldn't make contact.

72, and cul.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Mon, 9 Nov 1998 09:59:38 -0800 (PST)

From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Ron <rong@slip.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24651] Re: Delete by subject headers
Message-ID: <Pine.LNX.3.96.981109095839.29183A-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Nov 1998, Ron wrote:

> Am I the only person that scans the postings' subject headers and ends
> up deleting most without reading them? I find that an efficient way to

Nope. I, for example, am completely sick of this re: Hate Mail subject,
so I just hit delete on those messages, regardless of their actual
contents.

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | http://www.dolphin.openprojects.net
   Oceanside, CA |...

Date: Mon, 09 Nov 1998 20:50:13 -0800
From: JFD / WA8GHZ /5 <jdougher@wt.net>
To: ham_QRP-l <qrp-l@lehigh.edu>
Cc: brian@iquest.net
Subject: [24652] FOX: Novice Happy Dance - KB9BVN
Message-ID: <3647C605.5768@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Boy - Easy pickins.......

Got card in today's mail from Brian for his Nov 5 session which reminded
me to check tonight. There he was close to advertised spot at 7.122
with vy big sig. Hope you 6-land guys have same luck, as he needs that
area according to his post. Brian was HUGE into Texas tonight.

Good job, Brian. Tnx for QSO.
WA8GHZ /5 /Jack /Houston

Date: Mon, 09 Nov 1998 20:59:58 -0500
From: Fran Flynn <fflynn@together.net>
To: qrp-l@lehigh.edu
Subject: [24653] Keep it nice
Message-ID: <36479E1B.D95FC845@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

N7KT said...

>So...keep the hate mail and whining to yourselves

Here, here, I say

Date: Mon, 09 Nov 1998 18:10:19 -0700
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [24654] ss ooops K0FRP
Message-ID: <3647927B.FCF8B0DC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

thats 614 Q's not 604

Al K0FRP

Date: Mon, 09 Nov 1998 19:16:11 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24655] N3FJP SS Logging Program
Message-ID: <36473F7B.84634B0A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you don't/won't use a computer for logging contests, delete this now.

I downloaded Scott Davis' Sweepstakes Logging Program in time to give it an honest shot in the CW portion. This is not an in-depth report, but I'll pass along my comments in case anyone is looking for a good SS logger.

I've used NA, TR, CT and QRPPal, and even gave M*Log a shot, but found none of them to be intuitive or easy to use "out of the box". Not so with Scott's program.

This thing loads easily (Win95/NT ONLY) and can be used without extensive studying of the documentation. You get the same sort of window as the other programs, but it seemed more clear to me, and more logically laid out. It was easy to check my rate, what sections I needed, check a dupe, and refresh my memory about the exchange. Error correction was simple, and on-the-fly log editing is a snap.

Just about the coolest part is data entry. You can choose whether to start with callsign entry, or serial number. If you're working S&P use callsign, or if you're calling CQ use serial number. Changing is as simple as a highlight and click. When you start to enter, the program knows what you're doing, so there is NO NEED to tab from field to field.....it's automatic. I really enjoyed this feature, since fewer keystrokes are fewer mistakes, for me.

I didn't work hard in the 'test, so I didn't work the program hard, but have no doubt that it will stand up to some serious sweeps work. When done, it's easy to print a log and dupe sheet, or save them as ASCII files. Granted, it's a single contest program, but not all of us need the horsepower of NA or CT. My only wish is that there was a keying interface....that's almost a must if you want to get a good rate going. The best I could do was 18, and that was because of shifting from the paddle to the keyer memory to the computer and back. Too much wasted motion.

If you need a logger for SS SSB in two weeks, check this one out. It can be downloaded from:

http://members.aol.com/snkdavis/page1.html

If you haven't done computer logging and want to give it a shot, try this. It's free, which is the best way to try anything.
--
72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Mon, 09 Nov 1998 20:20:50 -0600
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@lehigh.edu
Subject: [24656] Re: Delete by subject headers
Message-ID: <3.0.6.32.19981109202050.007a65c0@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I do the same thing. I am a better mail filter than eudora could ever hope
to be:-) But QRP-l is gonna hear about when my delete key wears out:-)

Arnold

At 09:59 AM 11/9/98 -0800, you wrote:
>On Mon, 9 Nov 1998, Ron wrote:
>
>> Am I the only person that scans the postings' subject headers and ends
>> up deleting most without reading them? I find that an efficient way to
>
>Nope. I, for example, am completely sick of this re: Hate Mail subject,
>so I just hit delete on those messages, regardless of their actual
>contents.
>
>===
>   KC5TJA/6 | -| TEAM DOLPHIN |-
>   DM13 | Samuel A. Falvo II
>   QRP-L #1447 | http://www.dolphin.openprojects.net
>   Oceanside, CA |...
>
>
>

Date: Mon, 9 Nov 1998 21:23:13 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.EDU
Subject: [24657] Re: Contests vs. Awards
Message-ID: <ade70966.3647a391@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 98-11-07 19:17:58 EST, you write:

<< an operator is less likely to respond with a card if the signal report
 is not in his log. >>

 Not necessarily, he probably will know why there isnt a signal report in his log and will verify accordingly, regardless. ive verified quite a few SS qso's without the report. ive practically worked all of the states for new ones this weekend, due to my just moving to Washington state, so i started over. i would be bummed out if those guys didnt want my card! anyway, it shouldnt be a problem.
  had a lot of fun this weekend, ill report on it in a few when i tally up everthing.

73....Adam, N7YA

Date: Mon, 9 Nov 1998 21:44:52 EST
From: DLShips@aol.com
To: qrp-l@lehigh.EDU, klqrp@waterw.com
Cc: ab4lg@pscinternet.net, aa4xx@amsat.org, designserv@ipass.net, dhlauten@juno.com, w4tky@juno.com, K4NK@aol.com, DLShips@aol.com
Subject: [24658] Win a NorCal 20....
Message-ID: <d8c60b46.3647a8a4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Now I got your attention..... Right ?

That's right, you can win a NorCal 20 transceiver kit, thanks to Doug Hendricks, KI6DS.. who donated this kit to be given away at the "CAROLINA'S QRP-FEST at Jones Lake State Park in Elizabethtown, NC. on November 14th from 9 til 5 and it's FREE.. We're excited...You should be too!

This kit will act as a magnet to our QRP buddies to the North and South. I'll be looking for some of the MD gang to show up.... Who can resist.

One additional note about the Jones Lake State Park Campground. It's a neat, well kept campground. Registration is open until 6PM. Please try to get there before 6 so the Ranger doesn't have to work ovetime...

For directions, see:http://www.waterw.com/~knights/klevent2.html

You gotta be there to win....

E-mail dhlauten@juno.com and let him know you're coming

CU at the Fest !!

W3RDF/qrp and AA4XXqrpp

Date: Mon, 9 Nov 1998 21:44:41 EST
From: DLShips@aol.com
To: DLShips@aol.com, qrp-l@lehigh.EDU, klqrp@waterw.com
Cc: ab4lg@pscinternet.net, aa4xx@amsat.org, designserv@ipass.net,
dhlauten@juno.com, w4tky@juno.com, K4NK@aol.com
Subject: [24659] Win an LDG QRP AUTOMATIC TUNER.
Message-ID: <5b8f0ed3.3647a899@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

It's less than a week til the Jones Lake "Carolina's QRP-Fest" .. It's from 9 to 5 on Saturday (November 14th) and it's FREE.. We're excited...

Thanks to Jennifer and Dwayne Kinkade of LDG for giving us this special prize, we're able to give away one of the finest items in the QRP world. Yep, their automatic QRP tuner (kit). You must be at Jones Lake to win.

For directions, see:http://www.waterw.com/~knights/klevent2.html

Here's the program (one more time)

9:00 - QRP-Fest registration.
     Sign up and be eligible for prize drawing

9:00 - Show and Tell registration
  Sign up for show and tell and be eligible for a special prize.

9:30 - 10:15 QRP Roundup (pavilion)
   A panel discussion with demonstrations of all sorts of QRP gear .

10:45 - 11:30 Antenna Workshop (pavilion and surrounding grass area)

11:30 - 1:30 Lunch and station exploration...

1:30 - 3:30 Show and Tell (pavilion)
   If you have something neat you want to share with the group this is the time to do
it. Please limit your demos and talks to 15 minutes.

3:30 - 3:45 Prize drawings (pavilion)

3:45 - 4:30 March 98 Core Banks Island QRP Expedition (pavilion)

That's it..Hope to see you Saturday !

72 es 73 de Don, W3RDF es Paul, AA4XX
Grand Strand QRP Society and The Knight Lites

Date: Mon, 9 Nov 1998 21:44:49 EST
From: DLShips@aol.com
To: qrp-l@lehigh.EDU, klqrp@waterw.com
Cc: ab4lg@pscinternet.net, aa4xx@amsat.org, designserv@ipass.net, dhlauten@juno.com, K4NK@aol.com, DLShips@aol.com
Subject: [24660] Win a copy of the NorCal Pacificon QRP Forum Proceedings
Message-ID: <b1ded5d2.3647a8a1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

That's right guys, you've got a chance to win this great cluster of QRP information thanks to Doug Hendricks, KI6DS who donated a copy to be given away at the Carolina's QRP-Fest. It's filled with all kinds of neat stuff...

All you have to do is attend our "Free" QRP party. It's less than a week away. .. It's from 9 to 5 on Saturday (November 14th). at Jones Lake State Park in Elizabethtown, NC. We're excited... You should be too !!!

E-mail dhlauten@juno.com and tell him how many of you will attend.

For directions, see:http://www.waterw.com/~knights/klevent2.html

Thanks,

72s de Don W3RDF/qrp and Paul AA4XX/qrpp

Date: Mon, 9 Nov 1998 21:44:30 EST
From: DLShips@aol.com
To: qrp-l@lehigh.EDU, klqrp@waterw.com
Cc: ab4lg@pscinternet.net, aa4xx@amsat.org, designserv@ipass.net, dhlauten@juno.com, w4tky@juno.com, K4NK@aol.com, DLShips@aol.com
Subject: [24661] FREE "RAINBOW TUNER" 30 - 40 METERS WITH SWR INDICATOR
Message-ID: <654f6f1f.3647a88e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Guess that got your attention !

But, it's true. You can win a Rainbow Tuner, thanks to Bob Patton, N4BP who donated it to the Carolina's QRP-Fest.

This tuner will be given to the most distant station to copy the Carolina's QRP-Fest 10 meter beacon. We hope to send this prize to India, Japan, South Africa or Down Under, but we'll still smile if we mail it to a European or West Coaster...

The beacon will be dangling from a tall pine and will be operating on 28.017 Khz +/-(open your filters cuz it might drift a hz or two)... The power will range between 500 and 900 mW (depending upon battery condx) and will be operating between 1300 and 2100 UTC. QSL instructions are in the message. Good Luck !

If you can't come to our party you can still join the fun by working one of the ten stations set up around the lake. We'll have all kinds of gear including OHR, Emtech, NorCal - Wilderness, A&A, S&S, LDG, HeathKit, a QRP+, Kenwood 130V (to name a few..) You'll find us near the favored QRP spots on 40, 30, 20, 17, 15, 12, and 10. We'll have a couple of QRP SSB stations on the air also. There will be two CW stations on 40 (one in the novice band).

Hope you win BIG TIME..

72s DE W3RDF es AA4XX

Date: Mon, 09 Nov 1998 18:52:29 -0800
From: Norm Melick <henmel@gte.net>

To: cait.martin@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24662] Re: Hate mail
Message-ID: <3647AA6D.F7A760E0@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Caitlyn M. Martin wrote:

> I'm not letting this on go unanswered...

Nor I.

> OK, all the hate mail I received was from men, so they were all guys.
> No women on the list sent anything offensive. I have no problem with
> men, and most here have been incredibly supportive. My problem is
> with some individuals on QRP-L, not the list as a whole.

Let me see if I understand you. Most of the men have been
supportive. You have a problem with some individuals on
QRP-L, not the list as a whole. You alluded to receiving
"hate" mail via private e-mail that I, or others on this
list have as yet to read. You won't produce this "hate"
mail, and you blast this list as a group of "sour old guys".

Is this about right?

> I think a number of people have stated clearly that they know exactly > what I
mean by "sour".
> I doubt it was in my post.

It wasn't. Now tell me what you meant by "sour old guys".

> As far as defining old... you know, some people are young at 80, and
> some are old at 20. It's a matter of attitude, not chronological age.
> I used to be involved in a local ham club, and we had a man who was a
> real radio pioneer, and had been a ham as long as such a thing
> existed. He was in his 90s, and was one of the liveliest, most
> spirited people in the club, and always the first to help newcomers
> out. He was an inspiration to me.

And you disrespect him by your "sour old guys" description
of people you have never met on this list? How dare you.

> I hope I can be like him at that age. The word "old" never seemed to > fit him.

I hope it isn't too late.

> The guys (and that's who they happened to be, so it's not gender bias)
> who told me they were licensed in 1950-whatever to show me how
> superior they were to me were sour old men,

I respect my elders, Caity. I get this all the time at my
local club. I am confident that these people who were
licensed in the 50's, still alive, and operating their
equipment today, are telling you this because they are proud
of their involvement in amateur radio, NOT because they feel
superior. Besides, they ARE superior. They are not "sour
old men".

> and that has nothing to do with the number of years they've been
> alive.

Well Caity, you used the word "old". Why?

> > >By the way, how old are you?
>
> Not a polite question, is it? I am 38.

I thought it was a very polite question, considering you
brought up the age issue. Is there a double standard? By
the way, without you asking, I am 48.

> > >I think you've already made up your mind. Trying to make
> > >this list fit YOUR needs and goals won't work.
>
> Is that what I was doing?

Absolutely, Yes.

> I don't think so, unless I misunderstand the list and this is the
> QRP CW purists reflector.

You misunderstood. It is not the "CW purists reflector".
However, if you would like to hone your CW skills, building
skills, etc., this is a great place to be.

> If so, I'll be happy to resign.

Who is asking you to resign? You invited yourself to be on
this list when you subscribed. You can un-invite yourself
by simply using the "unsubscribe qrp-l" statement. NOBODY
can ask you to resign (except the list administrator) and
NOBODY that I am aware of is asking you to resign. In fact,

I'll bet 99.9% of the list, including me and the ones you
bashed in your opening post, want you to stay.

> The mail I've received seems to indicate that the list already does
> meet my needs and goals: it's about men and women who enjoy low power >
operation,and share information and help each other. I like that
> concept.

So do the men and women of this list. About 3,000 of us, I
think, world wide.

> Tell me, did I get it wrong?

Oh yes. "I'm going to see what kind of responses I get to
this mail and decide if the reflector is worth while or
not". What arrogance. You are acting like the kid who
volunteers his football for the game, then wants to take it
away if we don't play by his rules.

Now, what kind of response did you expect, then OR now?

> > >Please answer my questions, and forward that "hate" mail to me
> > >Caity.
>
> Well, I have responded to your questions.

No, Caity, you did not. You did a lot of dancing though.

> As far as forwarding private messages, I think you know that is a
> violation of netiquette, and I won't do it.

I know that if I received "hate" mail, I would forward it to
the list administrator, and the people at the IPS's
involved. I'll ask you one last time. Forward the alleged
hate mail to Chuck Adams. That is NOT a violation of
netiquette. If you can't do that, then you protect these
people, and you have no gripe.

So what is it going to be Caity? Protect "sour old guys"
that send "hate" mail, or stand up for your principals?

> > > I'm real interested in your response.
>
> You got it.

What I "got" smells like a rat.

> > >One last question. Do you consider my response to you hate

> > >mail, or just a direct, to the point response to your " Hi,
> > >everyone, I had a discussion with some hams on this
> > >reflector about SSB QRP" post?
>
> That last paragraph accusing me of trying to change the list was
> pretty negative, don't you think?

No, not at all.

> I'll let others on the list judge if it was hateful or not.

The "others" did not receive "hate" mail, and I am beginning
to believe you didn't either. YOU answer the question. Do
you consider this, or any other post from me "hate" mail?

> IMHO it is a flame.

Not my previous post. THIS one does have potential though.

> I've gotten much stronger and nastier messages, if that's what you are > getting
at.

It is, and after reading your post's, I believe you.

Norm Melick
KQ6SD

Date: Mon, 9 Nov 1998 19:45:52 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24663] Re: Delete by subject headers
Message-ID: <004f01be0c54$f58b8420$b923e1cf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ron,

>Am I the only person that scans the postings' subject headers and ends
>up deleting most without reading them?

Nope. I created one H(eck) of a filter list and move all the ones with
subjects I definately read into a "Important" folder. The rest get put into
the QRP-L folder and these are manually scanned and deleted. I have found that

I save hours (ok, so I'm a slow reader!) and save a little wear and tear on the Del key. :-)

Ron - KD7VD

Date: Mon, 9 Nov 1998 19:46:33 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24664] Re: Delete by subject headers
Message-ID: <005001be0c54$f6fb40c0$b923e1cf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Sam,

>Nope. I, for example, am completely sick of this re: Hate Mail subject,
>so I just hit delete on those messages, regardless of their actual
>contents.

I filtered them into a separate folder just for kicks. In two days there have been 46 of them!

Ron - KD7VD

Date: Mon, 9 Nov 1998 21:44:35 EST
From: DLShips@aol.com
To: DLShips@aol.com, qrp-l@lehigh.EDU, klqrp@waterw.com
Cc: ab4lg@pscinternet.net, aa4xx@amsat.org, designserv@ipass.net,
dhlauten@juno.com, w4tky@juno.com, K4NK@aol.com
Subject: [24665] Free Lunch
Message-ID: <b5f0a0b.3647a893@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Guys,

It's less than a week til the Jones Lake "Carolina's QRP-Fest" .. It's from 9 to 5 on Saturday (November 14th) and it's FREE.. We're excited...

Yep, that includes FREE LUNCH.

E-mail Dave Lauten at "dhlauten@juno.com" and let him know how many filet mignons to order..(code word for tube steaks) :^)

One additional note about the Jones Lake State Park Campground. It's a neat, well kept campground. Registration is open until the gate closes at 6PM. Please try to get there before 6 so the Ranger doesn't have to work ovetime...

For directions, see:http://www.waterw.com/~knights/klevent2.html

72es de W3RDF es AA4XX

Date: Mon, 09 Nov 1998 22:13:20 -0500
From: Richard <kt4or@qsl.net>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [24666] Re: QRP vs. ERP
Message-ID: <3647AF50.36DC54AF@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First of all this is not a flame.

Lou Martin wrote:
>
> I think true bragging rights belong to those running
> dipoles/G5RVs/verticals, and other antennas that do not raise effective
> radiated power.

Point taken but are you aware that using say, an 80 cage dipole on 10-40 meters gives you gain. Multiple wavelengths do just that. Same goes for a long wire, loop, or a full size verticle designed for a longer wavelength. My 80m cage even loads on 6 meters (ws portion) without a tuner. Talk about gain. I've also used my inefficient 160 dipole on all HF bands with great success.

Point is never think you can't have gain in a wire antenna. That's a common misconception. I made this post to the reflector instead of direct for all the new hams that didn't have an elmer that's into antennas.

72 es CUL Richard KT4OR/QRP

QRP-L #1750 FISTS # 2691 10-X # 68271
DXCC, WAC, WAS, 1000 Mile Per Watt Club

kt4or@qsl.net http://www.qsl.net/kt4or/

DX IS! QRP is TOO!!

Date: Mon, 9 Nov 1998 22:16:14 -0500 (EST)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Tom Palmer <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24667] Re: Hate mail
Message-ID: <Pine.LNX.3.96.981109220803.18317B-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Nov 1998, Tom Palmer wrote:

> Not only has this horse been beaten to death, the corpse has been
> pulverized into pulp. Tom, N1TP, Naples, Fl.

That, and the corpse is mouldering quite badly at this point. :)

Folks--just as a lurker--my two pence: There's no right or wrong way to do QRP as long as you're enjoying what you're doing. (I've had slightly mad thoughts as to whether RTTY could be done on QRP...of course, this does depend on whether anyone's still doing RTTY... :)

Don't let the (f)lamers get you down; do whatever in QRP you enjoy doing, follow your heart, and you can't go wrong. If you worry about the flamers who want to turn this into the ham radio equivalent of the Linux/Win95/Mac neverending Software Jihad Flame War [tm] you'll just end up with ulcers and forget the hobby is, above all, *having fun*.

Not over whether CW is best for emergencies (though that's part of it); not over whether QRP contacts done via methods other than a straight key are "real QRP" (I sez, whatever floats your boat, and don't be afraid to experiment with stuff besides CW in QRP because odds are someone else is

probably thinking about the same thing). Not even about whether folks doing stuff besides CW (or even concentrating on areas outside of CW) will mean the Death Of The Hobby As We Know It (yeah, it'll change--I'm not so sure it means the end of ham radio, though).

It's about having fun. Different folks will have different ways of having fun in ham radio. Vive le difference. :)

-pb

Date: Sun, 08 Nov 1998 12:37:16 -0500
From: brian <brian@iquest.net>
To: qrp-l@lehigh.edu
Cc: Doc Lindsey <70511.3041@compuserve.com>
Subject: [24668] FOX - NT Log for tonight
Message-ID: <3645D6CC.59CE@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well the QRN in Indianapolis area was HORRID. We've got a major storm front moving through so I had to fight the 300db static crashes to even hear anything. Bummer.

Here's the log, give 'em their points:

Call	ST	NAME	QRP#	RST	
AB2AX	NY	JOE	NON-QRPLER	459	
KF4KSM	FL	MAC	704	339	
WA8GHZ	TX	JACK	619	339	
K5ZTY	TX	BILL	473	459	
K6VNX	CA	ARLEN	1175	459	<--- NEW STATE

That's it. I quit 10 mins early, sorry guys but the static here was making me crazy. Thanks to Arlen, I now have worked all 10 regions in the continental US on my 40A. Maybe Thursday night will be better.

Arlen...sri for the lousy fist. My paddles were causing me grief.

Date: Mon, 9 Nov 1998 22:39:25 EST

From: Ab7wy@aol.com
To: qrp-l@lehigh.EDU
Subject: [24669] social attitudes
Message-ID: <ce8d7c4.3647b56d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 98-11-08 18:55:58 EST, you write:

<< It's obvious to me there are chauvanists on
 this reflector that can't accept women as radio ops. I really feel sorry for
 them. >>

  oh man!! imagine if they ever found out <gasp> that there are also African- American hams as well...or gay hams...who knows who your talking to on the other end? my guess is that they would be fine with someone if they knew nothing about them...no name, no color, no nothing...just a callsign.
  years ago in a faraway state...i had long hair and a leather jacket (hey i was 18 and it was the 80's)..that was it!, i recieved rude comments (secondhand of course, too afraid to say it to my grill), discrimination and general exclusion from certain circles due to my choice of attire. there were those who were real well-balanced folks, they could see that i showed up to these meetings because i enjoyed ham radio.
  Jim, AL7FS, was one of those people...a real ham. i could always count on Jim to answer my calls on the local repeater, or talk to me at the meetings and just show his own enthusiasm for the hobby. it shows to this day on this reflector.
  Caity, Cathi and anyone else is fair game to become my friend just for being here. i suppose the will be sociopaths anywhere you go, largely generated by insecurity and lack of confidence in their ability to make friends with those outside their immediate circle of identity...well, that or they're just afraid of what their friends might say if they are caught being nice to a "girl" or a "black" or any "other" types of people.
  sociology and study of Human behavior is listed among my other hobbies, this is nothing new.   so ladies, enjoy the hobby you worked so hard for. i somehow dont think that this will, by any means, stop you from doing that...it didnt stop me, it couldnt!!   barriers made us more curious when we were children ("dont look in there!!"...we always peeked), barriers wont stop those truly interested in our hobby.
...those social barriers simply arent strong enough, nothing lasts forever.

73...Adam, N7YA

Date: Mon, 9 Nov 1998 21:16:27 -0600

From: applitech@mcg.net (Claton Cadmus)
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24670] Re: FOX - NT FOX TIME AGN!!!
Message-ID: <009a01be0c5c$4d96b700$a10a5e2c@groucho>

Man, was the static bad here tonight, I thought the resonant speaker was going to rip it's cone apart a couple times. Really glad I didn't have the headphones on! We've got our first winter storm coming through. Lot's of static crashes and the signals were coming in and going out like waves in the ocean. Not only that, it's raining and very near freezing. I had to retune the transmatch do to wet antenna and feedline. Hope it doesn't turn to ice! I've had antennas come down because of that.

Brian, you were in there for about two minutes, I heard you send my call back and then you slipped into the noise, or better the noise rolled up right over you, oh for another minute! Kept listening until 3:00 utc, thought I heard you again real faint when the static died down a bit. Oh well, next time.
---
73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page http://www.qsl.net/mnqrp

Date: Tue, 10 Nov 1998 03:51:37 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <Ab7wy@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24671] Re: social attitudes
Message-ID: <002f01be0c5d$6bf283e0$cf42b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ah come on, can't we all just get along??? Big hug for every wonderful person on this wonderful list. Give it a rest already!
de Steve

Date: Mon, 9 Nov 1998 20:15:12 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24672] Re: N3FJP SS Logging Program
Message-ID: <000201be0c5d$71d18180$bee56ccf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Roger,

>I downloaded Scott Davis' Sweepstakes Logging Program in time to give it
>an honest shot in the CW portion. This is not an in-depth report, but
>I'll pass along my comments in case anyone is looking for a good SS
>logger.

This isn't "that FREE program" that Wayne Alexander was talking about is it?
He never did respond as to which free program he had.

>If you need a logger for SS SSB in two weeks, check this one out. It
>can be downloaded from:

Thanks for the great recommendation Roger.

72

Ron - KD7VD

Date: Mon, 09 Nov 1998 20:52:17 -0700
From: Rod Cerkoney <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24673] f5q, rig was Newbie Q's Part 1 & 2
Message-ID: <3.0.5.32.19981109205217.007e7270@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

BIG TNX to all who helped to answer my newbie Q's. I'm on my way:

f5q--first 5w qso!

Last night abt 2100Z I started calling CQ on 7040 MHz, with my icom crank down to ~5wts. 5min later I'm QSOed with aa9tc @ 18-20wpm, 50 mi. east of St Louis, 599! I was using my south2north sloper-dipole; <20ft up, south end; 4ft up, north end! I'm hooked!!!

rig [rational offered to help other Newbie's with the decision making process]

I ordered the OHR 100A for 20m today. I settled on the OHR because:

o it's complete, no additional stuff to buy, to use it when it's finished.

   I liked Dave's GM series but I didn't want to futz around getting
   parts, case, making the case...etc. This time. I like Dave's rigs
   and will likely get one in the future.

o nice feature set: RIT, adjustable power, decent current draw specs....

   THE Wilderness SST looked CUTE, great size, weight, current draw...etc.
   but no RIT. I'm spoiled I gotta have RIT.

o Nice price point, on sale for $119 + $6 shipping.

   I'll have more money left for extras like a TiCK keyer, tuners...etc.
   The SIERRA looked great but by the time I tricked it out with extras, UFDAH,
   too much initial cash outlay. I'll do a SIERRA later down the road.

o I chose 20m for ANT considerations. I live in a CCR community so attic
   ANTs are a must. Heck a 20 meter dipole is only, well let's see, abt 10m
   long! :-) actually I'll sneak something outside once and a while. That's where
   Mr. Sloper is. [See above]

So, that's the deal. Now back to studying for the Advanced test, CW practice, QRP with the Icom for now, and a whole bunch of other stuff. Sure am glad there is no grass to cut this time of year. ;-)

72/3, K0RWC, Rod Cerkoney, Fort Collins, CO   QRP-L #1764.
da di dah

Date: Mon, 9 Nov 1998 19:54:07 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU
Subject: [24674] Solar Panels, QRP and other Field Day Stuff
Message-ID: <l03130300b26d67e87ef5@[207.159.15.97]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi there,

As reported earlier, Tech America has a new flyer out. They have some good prices on Solar Panels ($59.99 for a 5 watt panel, $119.99 for a 15 watt panel), QRP receiver and transmitter kits (about $30.00 each) as well as what Roy Luallen calls the best light source for Field Day, a headlamp ($9.99 with the batteries included).

72,

Ward

Ward Hill, WA6FUH
Ex China Laker
Engineer at KOVR, Channel 13 (CBS), Sacramento, CA
http://www.kovr13.com
"Eagles may soar, but weasels aren't sucked into jet engines"
Life Member ARRL QCWA #29531 NorCal Zombie #2660 10-10 #27139
QRP-L #1117   AK/QRP #249   QRP ARCI # 9686
w_hill@ns.net
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Mon, 09 Nov 1998 23:05:49 EST
From: ka7you@juno.com
To: rohre@arlut.utexas.edu
Cc: qrp-l@Lehigh.EDU
Subject: [24675] Re: Tech America flyer specials
Message-ID: <19981109.201948.12935.3.ka7you@juno.com>

I've talked directly to Velleman within the last month regarding this unit. It is a 5MHz scope
  It is somewhat similar to the RS Probe Scope, as near as I can determine, with a better screen, and other improvements.
7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251   QRP-L #844   NWQRP #120   and others

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 09 Nov 1998 22:09:36 -0600
From: Mike Dooley <msdooley@airmail.net>
To: qrp-l@lehigh.edu
Subject: [24676] SSB SS and how I did in CW SS- N5BGZ
Message-ID: <3647BC80.E0A@airmail.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, silly me... Thanks, Roger, for pointing out that the SSB SS isn't this coming weekend ;-). For those I've led astray, it's Nov 21st and 22nd.

Ah well, but I did have fun in the CW SS this past wekend. Having never contested before I decided to give it a try... and try I did! I had twelve Qs and 11 Sections for a total of 264 points.

I tried out the shareware version of CT (6.2.6 I think) and liked it! I'll have to purchase this stuff! Worked very well on my Toshiba 1000LE (8086, 20meg drive). I used the Toshiba because the monster (pentium) machine generates WAY too much noise and the Toshiba virtually none. Oh, and you guys (and ladies) know that "rate per hour" thing on the CT screen? I never saw it go over zero (HIHIHI).

During my 7 or so hours on the air I spent a great deal of time listening to those 30 + wpm speed demons (Oh to be that fast!). At the beginning of the test I couldn't copy ANY of their transmissions, but towards the end I did get better. I learned a lot about how others contest while operating and having a good time.

And the 10 meter AM comments? I ordered one of those boards for the Maxon CB30 one of the guys is doing on the list. Gonna get on 10AM. I'll add the Maxon to the Kraco and HyGain 10 FM rigs I converted 5 or 6 years ago and the Midland 10 Meter SSB rig I picked up for $20 at a hamfest. Actually, I got two boxes of "parts radios" at the last hamfest for $5. Included three SSB units (even a Sears Roadtalker)! So

I'll be listening for you other 10 nuts on the band this solar season!

Yep, no doubt about it... this hobby is WAY too fun!

Mike N5BGZ

Date: Mon, 09 Nov 1998 22:22:46 -0600
From: "Lawrence T. Owens" <w4dec@dibbs.net>
To: qrp-l@Lehigh.EDU
Subject: [24677] SS Report and comments:
Message-ID: <3647BF96.3100@dibbs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,
     For my 2 cents worth: For me it was a great contest. Beat myself from last year but doubt if I'll get a plaque this year. Some great ops out there and great scores for QRP. Here is my completed summary.

Band	QSOs	Points
160	7	14
80	43	86
40	84	168
20	56	112
15	155	310
10	49	98
TOTAL	394	788 X 76 multipliers TOTAL 59,888

     Would you believe I miss Louisana for WAS and missed 3 VE Provinces for a clean sweep? Never did hear LA.
Worked the following QRP stations:

K7ED	WWA	10CW
AB7CE	MT	"
W6JXA	SDG	"
W6JVA	SDG	"
W6IO	SCV	"
N6MU	SJV	"
W7YAQ	OR	"
N7IR	AZ	15CW
N1TM	CT	"
KE0Z	SD	"
K0FRP	CO	20CW

WZ2T	NNY	15CW
W1XV	NH	"
W1EAT	VT	"
K3CR	WPA	"
VE5VA	SK	"
AA1CA	NH	"
N3ZZ	SCV	"
NM1K	CT	"
VE3SMA	ON	"
W6JTI	SF	"
AF3T	MDC	"
K8DD	MI	"
N7XJ	UT	"

My report sent out was NR Q W4DEC 55 AL.
Equipment used was ICOM 735 at 5 Watts
Index Lab QRP + .
Antennas: Cushcraft A4S at 70 feet and a 160 Meter inverted Vee with apex at 55 feet.

Used the ICOM on Saturday and Sunday morning until going off at 0650 UTC.

The ICOM started Jumping frequency so took it off line and put in the Index. First time using the QRP + for an extend period of time. It seemed to work better than the ICOM in seprating the signals. Also used A 286 computer with the NA logging program which worked perfectly for the entire contest.

Lessons learned: Start the contest on time. I started this one over an hour late and missed out some good time on 10 meters. If possible work the entire 24 hours. I came up 4 hours short and it cost me plenty of Qs. I took off too long to eat supper and that kept me from breaking 400 Qs. My goal for next year is 500 Qs.

Put up a cloud burner antenna for 40 and 80 meters. the inverted Vee has a too low a radiation angle for close in stations.

CW Speed: I usually run 22 to 24 WPM but will slow down for anyone having trouble. Running search and pounce for the big boys I her up to 30 to 32 WPM and some times 40 for the real fast operators.

I must confess I only tuned up to the novice bands on 15 and 40 meters a couple of times and did not hear anyone. Maybe I should have let out a few CQs there. Will next time.

Had several stations compliment me on the QRP signal and give me a signal report. Al K0FRP had a great signal on several bands and all the QRP stations tha I worked had nice signals.Surprised though that I didn't work any on the bands below 20 meters. !60 meters was real quiet here in Alabama on Saturday and only heard the 7 stations that I worked.

Would like to hear more activity by QRP stations on 80 meters this winter when the band is quiet. It is a good band and great distances can be worked there using QRP.

Here work on CW and SSB And AM. I find myself mostly on CW though as I

like to work the other CW QRP stations. I also work RTTY both QRO and QRP. It just depends on conditions. Have no bone to pick with anyone about what mode or power they prefer to use. Just like to get on and meet people. I am now at age 76 and I still am awed at the wonder of wireless radio. It never fails to amaze me that you can talk around the world with so little power and with things that you have put together yourself. So folks just get on and have fun and never cease to wonder at it all.

72
Larry (W4DEC)
Theodore, Alabama

Date: Mon, 9 Nov 1998 21:30:20 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Cc: GQRP-L List <gqrp-l@blacksheep.org>
Subject: [24678] Leonids Meteor Shower Nov.16-18
Message-ID: <Pine.SOL.3.91.981109204912.11591B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since I work at an observatory, I have been getting email inquiring about the upcoming Leonids Meteor Shower (Storm?) this year. So will answer a few common questions here.

First, we will not be observing the meteor shower with our radio telescopes. Our instruments are used for imaging, primarily, and the current configuration of the VLA is for a half-power beamwidth of about 20 arc seconds ... way too small to hope to catch a meteor flying through. This is the stuff optical observatories, and of course amateur astronomers (like you and me) are more suited for.

The Earth does not travel around the sun every year in the same exact orbit. On a given date, say Nov. 17th, one year we may be a bit closer to the sun, the next year a bit further way, some years slightly above the galactic plane, others years slightly below it.

All meteor showers are the result of the Earth plowing through the debris field of a comet. This is why meteor showers occur on the same date every year and hence, can be predicted. One such periodic comet has left it's debris trail that we cross every year around Nov. 16-18th. The unique thing about this comet, and the Leonid showers that result, is this comet at one time left a huge, dense "cloud" of debris that the Earth's orbit takes us through about every 33 years. When we pass through this dense cloud, the meteor display can be dramatic, going

from the average of 50 per hour (most years) to over 1,000 per hour. The best year was 1833, where it was estimated at over 10,000 per hour and no less than dozens of meteorites could be seen per second.

There is lots of controversy amongst astronomers as to whether this year, or next year, will be the better display. There is also plenty of controvery as to this year ... what the maximum meteors per hour will be and WHEN it will be at it's peak.

Here is the best synopsis I can find based on the modeling done by NASA/JPL and the Griffith Observatory.

THE BEST TIME to view the meteor shower will be after midnite until early morning on Tuesday, November 17th, no matter where on Earth you are. It takes about 32-36 hours to travel through the debris field, so enhanced meteoric activity will be seen during this window over at least one Earth rotation.

THE PEAK EVENT is expected to be on November 17th at around 1900 UTC. This obviously does not favor the US/VE, but rather eastern Europe to the Pacific Rim. However, the peak, as calculated by different astronomers and observatories varies greatly, as much as 12 hours either side of this.

FOR THE U.S. - the highest probability of maximum meteors is in the predawn hours of Tuesday morning, Nov. 17th. It is expected the peak will be viewed from the western U.S., across the Pacific, to eastern Asia, including Australia, and perhaps to central Europe.

There is a strong possibility that this years meteor shower will be a dramatic one. Thus, no matter where you live, I would suggest at least seeing what is happening above your QTH around midnight or after. Even if not the "peak," the overall meteor count is expected to be many times above normal. Some astronomers are even predicting a mild "meteor storm," which is a meteor every few seconds. Furthermore, the velocity of these meteors is 44 miles/second, quite fast for meteors, which means large pieces of debris will make impressive bolides, burning bright green, and leaving a smoke trail. The Leonids originate from the constellation Leo, which will be near the eastern horizon at midnite (and rises higher as the morning moves along), though most meteors will be seen coming from the eastern sky to above your head (the zenith).

In my opinion, it would be an event worth watching out for. It could be an impressive display. But don't do anything heroic (like take the kids on a 100 mile jaunt to the country) for it. If a nice display, the brighter meteorites should be visable from your yard, short of living across the street from a bright shopping mall or something.

And if it does get dramatic or of storm quality, please post it to qrp-l so we don't miss it (tell us where you are located and the time). Between this year and next, it's a 33 year opportunity to perhaps see a unique cellestial show. But if it's a dud, don't blame me (and if it's great, I'll take the credit -hi).

Decide for yourself if it's worth the effort to stay up late to see it, and how mad you'll be if you miss a 33 year event.

72, Paul NA5N
National Radio Astronomy Observatory
Socorro, New Mexico

We don't do meteorites.

Date: Mon, 9 Nov 1998 22:44:02 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [24679] And now, a pleasant subject...
Message-ID: <v01540b00b26d7288b49c@[207.193.34.115]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ahem. In the midst of the storms, a few nice items...

I picked up a copy of November CQ VHF today - an article by Dave Ingram, k4twj, on working satellites QRP-style caught my eye (uh, oh...FM, I'd better watch out!). Anyway, after reading Dave's article I thumbed through the rest of the magazine and found an article on "Youth in public service." There I discovered a nice write-up and picture of John Pituch, W2MBY, one of last year's Novice-Tech Foxes! Congratulations, John! I'm proud to say that I have one of W2MBY's QSL cards.

72 and Pax,

Mike N5JKY
Edmond, OK

Date: Mon, 09 Nov 1998 20:51:40 -0800
From: Steve Pitts <stv@cnw.com>
To: sm6lkm.jbeab@swipnet.se, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [24680] Optimist-80
Message-ID: <3.0.5.32.19981109205140.007f1690@baker.cnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Johan,
A very good job of documenting your 80m DSB transceiver. I very much
appreciated the variety of formats you provided for the PCB layout and
schematics. I have added the Optimist-80 to my ever growing project list.

73/72
Steve, KJ7NR

At 01:07 AM 11/10/98 +0100, Johan Bodin wrote:
>Anyway, I hereby waste some bandwidth to tell you that there
>is a complete building instruction for a 1 watt DSB 80m transceiver
>on my web page. PCB layout is included. Look for "Optimist-80".
>
>Homepage: http://home4.swipnet.se/~w-41522/
>

Steve Pitts, KJ7NR, NNN0BSC   stv@cnw.com
WWW   http://www.cnw.com/~stv/
FISTS 1530   G-QRP 8963   QRP-L 172

Date: Mon, 9 Nov 1998 21:57:34 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [24681] FOX: Log for 11/6Z
Message-ID: <199811100454.VAA31001@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Finally got a chance to punch it in, so here it is. Since I waited till after
my trip to NM on the weekend it was no longer fresh in my mind, and I
had some trouble reading my own handwriting in places. So if you see
something that looks like it could be that kind of problem, or a typo, let
me know. Count turned out to be accurate: 94 QSOs of which 3 were in
O/T. A couple exchanges looked a bit strange but all I could is copy
what I heard.

I'll do QSL cards eventually, but am a little bit under the gun right now,

so please be patient!

Thanks again to everybody who worked me, and also to those who tried.
 I have a couple of ideas for smoothing things out next time and hope to
be able to work more of you then [g].

Fox Log for N1FN, 0300-0500Z-06NOV98

0300	VE5RC	559	SK	BRUCE	888
0301	K6XU	599	CA	STAN	67
0303	AA0ZZ	589	MN	CRAIG	1238
0304	KI0II	599	CO	RON	928
0305	NC7X	599	UT	?	1729
0306	AK7Y	599	AZ	GREG	1693
0307	KD7AEE	599	UT	OG	1706
0309	K8CV	559	MI	WALT	935
0310	K0EVZ	589	ND	DOC	861
0312	KB0PTE	559	WA	WAYNE	105
0313	KU7Y	579	NV	RON	17
0314	KC0EGC	599	MO	JACK	5W
0315	KB0YTK	599	CO	VINCE	1283
0316	K50I	559	NM	TIM	73
0317	K1MG	579	CA	MIKE	614
0318	WE6W	559	CA	ED	106
0319	N5JKY	559	OK	MIKE	300
0321	WB8RCR	559	MI	JOHN	1446
0321	N5JI	569	TX	DICK	1054
0325	K2VCO	579	CA	VIC	725
0326	NC7J	599	UT	JF	5W
0327	WJ7H	559	UT	WAYNE	481
0329	NQ7X	559	AZ	FLOYD	343
0332	W5TB	559	TX	DOC	673
0332	W8RU	599	MI	RON	188
0333	WS4S	569	TN	CONARD	993
0335	WJ1R	559	CO	LARRY	5W
0335	W0KUC	579	MO	MARVY	690
0336	K5ZTY	559	TX	BILL	473
0338	N0AR	559	MN	SCOTT	1455
0339	W5TFB	559	TX	JACK	282
0341	KG0PP	599	CO	JIM	5W
0342	N9KW	599	IL	JOHN	1257
0342	WS8D	559	MI	MIKE	1188
0345	KI7MN	559	AZ	BOB	271
0347	AE2T	339	NY	AL	166
0348	AF5Z	559	TX	BOB	984
0349	AB7CE	559	MT	ROY	4W
0351	N1TP	579	FL	TOM	1317
0354	W0CH	599	MO	DAVE	618

0355	KS4L	579	AL	RANDY	468
0356	W4DEC	569	AL	LARRY	1045
0357	KQ5U	559	TX	TERRY	1603
0358	KK5LD	599	TX	DAN	5W
0400	AB0CD	599	CO	DICK	483
0401	W5FN	559	TX	TIM	586
0402	N5TW	559	TX	TOM	1484
0403	K5JHP	559	TX	BILL	825
0405	KC1FB	559	CT	JIM	29
0406	KF4KSM	559	FL	MAC	704
0407	AC5II	449	OK	DON	264
0410	AI4CW	599	AL	DON	1670
0411	W0HEP	599	CO	RICH	5W
0412	N2CQ	579	NJ	KEN	399
0413	W5JAY	599	AR	JAY	1201
0414	W0CQC	599	CO	ELAINE	5W
0415	W8SFF	559	MI	STEVE	1288
0417	AB8DF	559	MI	ED	1446
0418	WA8GHZ	559	TX	JACK	619
0419	KA8OKH	559	KY	RICH	933
0420	VE3ELA	559	ON	KEN	1226
0421	VE3JC	559	ON	JOHN	744
0422	KM6SE	559	CA	RON	5W
0424	K8ZN	559	OH	DOUG	1724
0425	N7MFB	579	WA	BILL	715
0426	KD5CMN	559	TX	MIKE	1328
0427	K1OJ	559	TX	OJ	732
0428	W5YR	579	TX	GEORGE	1373
0429	N4ROA	559	VA	DAN	970
0430	K7TQ	559	ID	RANDY	102
0433	N2ZHY	459	NJ	DAVID	2W
0433	N2SMH	599	CA	DAVID	74
0434	W5HNS	579	TX	HENRY	178
0435	NZ4E	449	VA	JACK	184
0436	N9DD	559	IN	TOM	32
0438	VE6EWM	569	AB	EARL	1076
0438	KF2PH	539	NY	NICK	13
0441	N8VZU	559	OH	DAN	1404
0445	WB9LKC	349	WI	RAY	8
0445	KB9IUA	559	IL	KEVIN	384
0446	N0OCT	559	MO	WIM	1W
0449	KK5LED	559	TX	DAN	5W
0449	KK5WL	559	TX	GARY	330
0451	W4PJ	339	VA	SCOTT	1585
0554	VE2KN	559	PQ	JIMY	103
0554	KB7MBI	599	WA	ALAN	1200
0555	KG7PV	559	OR	STEVE	109
0557	N7CQR	559	OR	DAN	502

```
0557 W2UX      449  SC    GARY      593
0559 N2TO      559  NY    KEVIN     212
0559 AB7MY     559  AZ    GARY      571
0601 N3YSI     559  PA    PAUL      3W
0603 KL7IXI    559  WA    MIKE      1186
0604 KA5OVS    559  CA    JIM       63



73
Marshall Emm
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"Everything for the Morse Enthusiast"
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--

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Date: Tue, 10 Nov 1998 00:04:21 -0500
From: Robert Gutknecht <bobg@cecomet.net>
To: Ab7wy@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24682] Re: Hate mail
Message-ID: <3647C955.B11CCB39@cecomet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I happen to be an old fart you are always referring to and I resent it
as I operate and use all modes . I don't criticize anyone. What makes
you think it is always us OLD FARTS that are getting the blame. I have
been licensed since 1962 .
Bob KC2JZ

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Date: Mon, 09 Nov 98 23:07:59 -0500
From: Chuck Adams <adams@ticnet.com>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [24683] Re: Leonids Meteor Shower Nov.16-18
Message-ID: <199811100506.AAA106988@nss4.cc.Lehigh.EDU>
```

Paul et.al.,

Phyllis and I have the tickets to Phoenix and driving to
Prescott AZ. So I will be on 40M from the new antenna
farm to be built late next year along with the shack. :-)

So with the SW-40+ and a dipole or long wire I'll be on
at strange hours during the night of the 16th-17th. I'd
be interested in all of the group that just might be up
and working 40M that night. Might even consider 30
and 17 if the SF cooperates.

So, even though it is astronomy maybe the ions will
be pumped up and we can do some serious DX work
while sittiing in the lawn chair looking up.

FYI

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Mon, 09 Nov 1998 22:29:42 -0700
From: Lou Martin <lmartin@uswest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24684] Re: QRP vs. ERP
Message-ID: <3647CF46.4AF338F0@clsp.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Everyone,

Thanks, Richard for reminding us that wire antennas can exhibit gain.
I've only had my G5RV up for a couple of months and already I'm taking
its performance for granted.

I've had it radiating on 80/75, 40, 20, 15, and 10 meters and it does
ok. I manage to make enough contacts to keep me happy.

Nothing to brag about, but that's fine with me.

72 to all. LOU

KC0BBE

Date: Mon, 09 Nov 1998 21:33:46 -0800
From: Norm Melick <henmel@gte.net>
To: cait.martin@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24685] Re: Hate mail
Message-ID: <3647D03A.5E6920E9@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Caitlyn M. Martin wrote:
>
> Hi, Norm,
>
> I sent this to you first, and wasn't going to post it to the list, but
> in light of your response to the list, I want everyone to see my
> response.

No problem, I want the list to see my response as well.

> The "hate" mail was in the form of private messages, but since they
> were generated as a result of my involvement in the reflector, they
> are subject for discussion on the reflector.

This is pure cow cookies. What has been your "involvement"
in the reflector? I haven't seen much. If the private
"hate" mail was generated as a result of your private
"involvement" in the reflector, then it should have remained
private, unless you intended to start problems.

> I know you disagree with that, but I have a different opinion.

Obviously.

> Kathi has gone almost completely quiet, as she posted today, because
> of the hate mail she received when she posted her views on the SGC
> 2020 transceiver.

I saw that, and this is garbage too. She didn't receive any
hate mail.

> How many people will be driven off by this sort of behavior?

None.

> It's not just me.

No. It appears that it just involves two females.

> Yes, it was private mail, which is why it would be wrong to repost it > as some suggested.

Telling the administrator that you received "hate" mail is
your duty. It is NOT an option.

> Ignore it? Keep the issue off list?

Now who told you to do ignore or keep this issue off this
list?

> Considering the impact, and how many people have said today that
> they've received the same treatment, that is something I cannot do.

All the more reason to shine the light of truth on these
people that sent you "hate" mail. You are a 38 year old
woman. Stand up for your principals, and don't support
"sour old guys" that send e-mail.
Turn this "hate" mail into the proper authorities.

I've been known to put up $20.00 before, and I'll do it
again. I'll pay you $20.00 for copies of all your "hate"
mail. Not flames, "hate" mail.
You know, the stuff that makes the mail you hold a federal
crime.

The fact is you received no hate mail. You're just pissed
because this list is more directed towards CW than SSB, you
don't like CW, you can't change the list, and someone
bruised your ego.

Prove me wrong Caity.

Norm Melick
KQ6SD

Date: Mon, 09 Nov 1998 21:48:10 -0800
From: Norm Melick <henmel@gte.net>

To: kathi2@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24686] Re: hate
Message-ID: <3647D39A.2025E5FA@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kathi Hilton wrote:
>
>   Caitlyn,
>
>   I can symathize with your delema. I posted an innocent comment concerning
> my purchase of an SGC 2020 and got some of the most horrible comments from some-
> of the sour grapes that reside here, even my significant other got involved as
> he was shocked at the response. I had several hundred 'hate' emails.

You might have received some horrible comments. I don't
believe you when you say that you received "hate" mail.

> I see a lot of the 'good old boy' back slapping 'how good we are' emails.

Please show me an example of 'good old boy' back slapping
'how good we are' emails.

> When you can accept women on this reflector as hams, then you can tout how great
this
> reflector is.

We have "accepted" all women on this reflector. It is a
great reflector.

>   Caitlyn, keep on with your qrp hobby, qrp ssb is as much qrp as cw is.

This is true. Who said different?

> As for me, with the exception of this email, I've stopped posting on QRP-L I can
> enjoy my qrp hobby without them.

Thank you.

> It's obvious to me there are chauvanists on this reflector that can't accept
women as radio ops.

What is obvious to me, is that you don't know what the hell
you are talking about. All you want to do is start an "US
versus THEM" group. The only chauvinist is you, Kathi.

> I really feel sorry for them.

Please don't. There is nothing to feel sorry about.

Norm Melick
KQ6SD

Date: Tue, 10 Nov 1998 01:09:20 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [24687] Solar event
Message-ID: <3.0.32.19981110010917.006ea548@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 09 Nov 1998 17:44:51 -0500
>To: Paul Harden<pharden@aoc.nrao.edu>
>From: Pete Burbank <plburbank@kih.net>
>Subject: Solar event
>
>Hi Paul,
>I'm afraid to post this to the list (like a guy who thinks he has
>seen a UFO). In the wee hours this AM...9 Nov at 0625 UTC I was
>listening to 40 near the QRP freq. ...lots of nice clean signals
>rolling in here in central Ky. There was sort of a boom in my
>headphones and then the band was all choppy with a few weak
>signals. It was so abrupt that I noted the time. A while later
>I cranked up the computer and saw your notice. Could the solar
>event actually cause a thud in my ears or did I have a brain
>transient? I enjoy your aurora postings and like you, am still
>hoping to see one here.
>73 Pete W4VCT

Date: Mon, 9 Nov 1998 23:11:14 -0700
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [24688] re: Hate, ENOUGH!!!!
Message-ID: <1.5.4.16.19981109235624.1a7f2e0c@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang!

Can we PLEASE get this dead horse off to side of the road so the rest
of can get by to our QRP discussion.

72 de Niels
VE6NJK/TF3NJ

Catch you in the FOX pileup.....

Date: Tue, 10 Nov 1998 01:27:31 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.EDU
Subject: [24689] Re: Contest misconceptions
Message-ID: <37b15f42.3647dcd3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 98-11-09 13:38:17 EST, you write:

<< I
 have never heard of a serious contester using a code reader. From what I've
 seen of the computer programs and multi-mode TNCs out there, there isn't one
 of them I'd trust to copy a contest exchange for me, not even with DSP. >>

 i think the plain fact of miscopying calls should rule out using a reader
during competition. at any given time during a busy 20 meter band on Saturday
during WW...its pure mayhem! you have to focus on the call you are working at
the time, a reader would get jumbled up with 10 loud signals on the same
frequency all beeping (or blasting) away. some things should be done
manually, this one is required.

73...Adam, N7YA

Date: Mon, 9 Nov 1998 22:39:38 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <henmel@gte.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [24690] Re: Hate mail

Message-ID: <003201be0c74$e4fd55a0$2c5233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Telling the administrator that you received "hate" mail is
>your duty. It is NOT an option.

I support Norm on this issue. If you have received hate mail, then do
something about it. The System Admin will do something about it - you can
be certain.

Bill-N7MFB
http://www.willapabay.org/~bill
ICQ me @ 8926298

Date: Mon, 9 Nov 1998 23:59:40 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Bruce Rattray <rattray@gpfn.sk.ca>, qrp-l@lehigh.edu
Subject: [24691] Re: FOX: NF1N
Message-ID: <199811100657.XAA01834@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Bruce--

>>copied some calls during the hunt...and they were. <<

Glad I got you. By the time it was over I sure felt like I'd been shot at!

OTOH I can't help noticing you have incorrectly recorded my call in the
subject line-- didn't I send it enough times? [g]

Serially, posting the stations you heard is very useful intel and I hope
more hunters will follow suit.

Thanks for the feedback...

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
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http://www.MorseX.com
(303)752-3382
--

Date: Mon, 9 Nov 1998 23:59:40 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: DNT1@chrysler.com, qrp-l@lehigh.edu
Subject: [24692] Re: What a Fox!
Message-ID: <199811100657.XAA01845@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Don--

>>Marshall,
are you sure that you didn't have a linear hooked up? ;-)
Seriously, I
don't tend to give out "5 anything", and you were a solid
599!<<

Gee-- I musta misread the dial and was using 500W instead
of 5! [g]

Naw, seriously, the GAP is a very good antenna at what it
does best-- low angle skip. If I drew an ark that hits your
QTH on the map I would find a VERY solid one hop zone.
MN is in the same pipeline. But condx were in fact very
good, and I never even changed antennas (had planned to
switch to the dipole periodically).

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"

http://www.MorseX.com
(303)752-3382
--

Date: Tue, 10 Nov 1998 00:09:18 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [24693] Re: Solar event
Message-ID: <Pine.SOL.3.91.981109234922.14952A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Nov 1998, Pete Burbank wrote:
>Hi Paul,
>I'm afraid to post this to the list (like a guy who thinks he has
>seen a UFO). In the wee hours this AM...9 Nov at 0625 UTC I was
>listening to 40 near the QRP freq. ...lots of nice clean signals
>rolling in here in central Ky. There was sort of a boom in my
>headphones and then the band was all choppy with a few weak
>signals. It was so abrupt that I noted the time.

Peter,
This is really cool ... if you look at the solar/geomagnetic report
I posted earlier, it cites how the MAJOR storm started around 0600 UTC.
>From todays solar wind data, you can clearly see where the shock wave
from fridays M-class flare and CME smacked into the Earth a bit after
0600 UTC, which triggered the major geomagnetic storm.

YOU HEARD THE SHOCK WAVE AS IT HIT THE EARTH'S MAGNETIC FIELD!
It is very difficult to predict the exact moment a shock wave hits
the Earth, making it a rather rare event to actually witness it.
In this case, the shock wave was rather dense (35 p/cm^3) and moving
rather fast (700 km/sec). As it hit our magnetosphere, it temporarily
compressed our magnetic field, generating a huge burst of electric
current flowing along the Earths field lines. This sudden current
flow would be heard as a burst of static. This initial shock caused
our magnetic field to wiggle for several hours, all the while generating
electric currents and noise. So you would hear a big burst of static,
or boom, followed by high absorption of signals and noisy conditions
afterwards for several hours ... or exactly what you heard. A
celestial sonic boom of sorts.

Thanks for sharing that with the group. It all helps this stuff
make sense.

> Could the solar event actually cause a thud in my ears or did I have a
> brain transient?
>73 Pete W4VCT

You can also "hear" a solar event, that is, a large flare, on the air
as well. It would also be a burst, but usually persists for several
minutes, followed by the type II sweeps, which sounds like ignition
noise. But it's usually all over with in 20-30 minutes.

What you heard was clearly the supersonic shock wave of charged
particles and protons striking the Earth. They usually arrive about
55 hours after the actual flare that produced them (depending upon the
speed of the shock wave).

However, I am not qualified to evaluate whether or not you had a
brain transient -hi.

Thanks again for sharing that. I'm jealous, as while I have tape
recorded the arrival of shock waves, they have been weak, mushy ones
that built up over several minutes. Nothing with the onset that
todays shock wave had. Must be a QSL or something for your feat.

72, Paul NA5N

Date: Tue, 10 Nov 1998 02:14:27 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [24694] Enuf with this hate mail B.S.
Message-ID: <3647E7D2.B6F7BA93@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can we end this useless thread now.What ever one does and enjoys is up
to that person,not others.To each ther own.
Fred VE3FAL

Date: Tue, 10 Nov 1998 02:39:33 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.EDU

Subject: [24695] was: social attitudes....its now...done!
Message-ID: <d8c71f88.3647edb5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 98-11-09 22:51:00 EST, you write:

<< Ah come on, can't we all just get along??? Big hug for every wonderful
 person on this wonderful list. Give it a rest already!
 de Steve
  >>
Ok, i agree!! and i also apologize. my last post about the 'hate mail' thing was written after not checking my mail for a couple of days due to being sick. the thread was still fresh (so it looked), but in real time, was verrrry stale. the more i read, the more tired of it i grew....and the more i dreaded running across my own post waaaaay down the list....oops, very sorry. many humble apologies, good people.
  now, onto low power amateur radio discussion. i think i have figured out a way to get on 80 for the WW contest (oh yes, its 2 weeks away!). i have a loving, beautiful wife that actually allows me to hang antennas in the house (we live in an apartment), and im using a 20 meter dipole on my ceiling. i am going to strip the ends of the dipole and buy a small box of alligator clips, ill clamp them down to various pieces of wire that, when clipped onto the ends of the 20 meter dipole, will increase the length to either 40 or 80 meters creating a loop of sorts.
  its rough, but right now my options are not very plentiful. and you want to know what the worst torture is? i have a multiband vertical lying in my back closet...unbuilt. <sigh> as soon as i can, i will buy a good tuner and run a random piece of wire to the trees. but until then...
  once again, i apologize for taking up space on that other subject further and that was my last post on it. ok, ive been thinking too much, i can start to see smoke from my ears. i hope to hear you on during the WW...its my all-time favorite contest!!

73.....Adam, N7YA

Date: Tue, 10 Nov 1998 02:44:29 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [24696] Re.Solar event
Message-ID: <3.0.32.19981110024426.00689980@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To Paul and the group,
Thanks Paul for explaining what I heard. Sonic boom is a good
description. A solar QSL would be great but a ray of sunshine
to warm the hearts of this fine group and quell some bickering
would be even better. See all y'all in the foxhunt!
                                73 Pete W4VCT

Date: Tue, 10 Nov 1998 02:55:56 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.EDU
Subject: [24697] 'old fart' mail
Message-ID: <9f36889b.3647f18c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 98-11-10 00:04:37 EST, you write:

<< I happen to be an old fart you are always referring to and I resent it
 as I operate and use all modes . I don't criticize anyone. What makes
 you think it is always us OLD FARTS that are getting the blame. I have
 been licensed since 1962 .
 Bob KC2JZ
  >>
Hi Bob, when did i call anyone an old fart? if i did, i certainly do NOT
remember it and most certainly do apologize for it to the entire list. if i
didnt, and i really dont think i did, then it must just be a mistake on your
end.
  i realize that the general contingent of ham operators are older, i always
listen to what our older fellow hams have to say. i enjoy their company.
  so once again, Bob, i dont know why your mail was addressed to me, but i
would never post something like that to the reflector.

                                                    young fart
                                                Adam, N7YA
                                                 ham since 83

Date: Tue, 10 Nov 1998 01:14:31 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <mgemm@mtechnologies.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [24698] Re: What a Fox!

Message-ID: <001c01be0c8a$87e4ede0$244ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Marshall wrote:

"But condx were in fact very
good, and I never even changed antennas (had planned to
switch to the dipole periodically). "

Wow Marshall - this is weird:

I was trying and trying to reach you on FOX night, and suddenly your signal went down to about an S-3 or S-4 for about a half an hour (at about 04:00 UTC). Then after about 20 minutes of your "fade out", you quickly jumped back to about an S-7 to S-9 here on the Washington coast, where I worked you at 04:26 UTC.

I remember thinking at the time.."Oh, Marshall has turned his 40 meter Yagi towards the East Coast or Florida to give that group a chance to work him". Obviously, with your Vertical, you did no such thing.

Propagation continues to amaze me!

CUL, Bill-N7MFB
http://www.willapabay.org/~bill

Date: Tue, 10 Nov 1998 06:12:22 -0500
From: K4AHK@ix.netcom.com
To: qrp-l mail <qrp-l@Lehigh.EDU>
Subject: [24699] Low Cost 2-meter Hand Held
Message-ID: <36481F93.73C7@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking at a Tech America sale flier dated November 1998 with an expiration date of 11/30/98.

On the front page it shows an Alinco DJ190T 2-meter hand held with batteries and charger for $99.95.

Bill - K4AHK
Burke, VA

Date: Tue, 10 Nov 1998 06:44:14 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [24700] Northern Lights
Message-ID: <852566B8.004147AB.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

OK, so it's not really QRP. I have only seen them once, while doing the kind of thing you only do in your youth, because, when you get to be an adult, you have too many responsibilities and not enough time.

A friend had bought a car, and he asked me to help him get it home. Not just any car, but an MG Midget. With a horribly leaky exhaust system. It was Fall in New England, and we drove out to the seller's place, and picked up the car. I don't remember where, maybe it was on Cape Cod, or maybe out in Western MA. We stopped and gassed up, then stopped and got some food.

Eventually, we got going again, well after dark. So, here I was, pretty cold (good thing I was young) and driving 60 with the top down, up rt 128 (ring road around Boston) at 11 PM. Why did I have the top down? Well, it probably wouldn't go up, but the exhaust leak was bad enough that I wanted a lot of fresh air.

Amazingly enough for 128, there was no traffic that night, so my night vision was pretty good. Then I saw them. Shimmering curtains of light, on a scale that I had never imagined. Did you ever see something so beautiful that you just took a deep breath, and looked around for someone to tell? Of course, there was nobody, and I was getting colder, and going 60 all the time. It seemed like an hour, but I'm sure it was much less. But they sure were awesome, and filled my field of view (because the top was down). Finally, I left 128, got back into the lighted streets, and it was over.

In almost 30 years, I haven't forgotten that night. I haven't seen much since then to compare. I guess you get used to it if you live in Alaska, but it was a rare treat for me. I've looked since, but

have never seen them again.

72,
Peter, KA1AXY

Date: Tue, 10 Nov 1998 21:14:47 +0900
From: "Jim C" <jimc@msw0.attnet.or.jp>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [24701] SWR/ Watt meter help
Message-ID: <000501be0ca3$b6800b80$781a4ca5@jim-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can anyone suggest an SWR/Watt meter that will work with qrp..I'll be using it with an SST at 1-2 watts. I am overseas and need to order by catalog or internet,

Thanks,
Jim Crites
7J7ACM
KF6FCV
Misawa Air Base Japan

Date: Tue, 10 Nov 1998 07:44:19 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Fonya Hall" <wa4hhp@amsat.org>
Subject: [24702] Alinco DJ190T
Message-ID: <004601be0ca7$d6e29d80$22abbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone one the list have any experience with the handheld that Tech America has on sale for $99?

I gave up on 2 meters FM after my FT-411 quit for the fourth time but if this one has a reliable history it might be nice to have an HT around again.

72, Gene wa4hhp@amsat.org

Date: Tue, 10 Nov 1998 07:52:57 EST
From: K2UD@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24703] 11-2-10 Info
Message-ID: <94d2c410.36483729@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The latest MCM catalog shows the Maxon MCB-30 for $55.95. Not much of a deal, but quantities of 3 and up will get the gem for $50.50 (what a deal, I think). Not sure if I would pay that much for a 40 channel CB, but if someone desperately needs one, they may have them. I don't know what availability is like on them either.

I have dealt with MCM and they have been good on the goods. Mostly VCR parts that I've ordered from them in the past.

72,

Howard Kraus, K2UD

Date: Tue, 10 Nov 1998 08:08:07 EST
From: K2UD@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24704] MCM Info
Message-ID: <a3d759e5.36483ab7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Shoulda mentioned this before, so here I shoulda:

MCM Electronics
650 Congress Park Drive
Centerville, OH 45459-4072

800-543-4330 Tel
800-765-6960 FAX
www.mcmelectronics.com

There, now I didda.

72,

Howard Kraus, K2UD

Date: Tue, 10 Nov 1998 08:09:40 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-l@Lehigh.EDU
Subject: [24705] "Old Fart" QRP Question
Message-ID: <19981110.080948.-213093.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

*** Yes this is QRP related ***

Question, Am I a " QRP OLD FART " or a " QRP QRP OLD OLD FART " ?

Reason I ask,

I am a member of the Old Timers Club and have a OTC certificate to prove it.

Just found out the other day that I QUALIFIED for membership in the OOTC a couple years ago,
(doing this more than FORTY years)...and with pleasure...sent an application to join.

I am an old old fart and you know the XYL has proved that at least twice.

Now since my first rig was a 6AG7 (final), obviously QRP,

am I a Q Q O O F or what ?

John
N3AAZ

.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 04:38:51 -0700
From: Niel Skousen <skousen@srv.net>
To: qrp-l@lehigh.edu
Subject: [24706] FS: Solid State amp
Message-ID: <v04003a00b26dd55e3ade@[12.7.221.90]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an amp (duck & cover *8-) for sale:
- Solid State (Motorola MRF453 x 2, out of Mot's App.note)
- 5w in 150 out @ 10m, gain is approx 14dB
- 12vdc
- In case, w/ heatsink, Pwr & RF amp switches, internal TR relay
- NEEDS FILTERS outboard to use
- expect gain @ 80m to be approx 22-24dB
- as is, but should work

Make offer via direct e.mail only

Niel

----- -.. . .-- .- --... ... .- -----
Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Tue, 10 Nov 1998 08:14:44 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24707] Re: Contest misconceptions
Message-ID: <36483C44.E731C9FE@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I spent about 1.5 hours Saturday night and another 1.5 hours on Sunday
on the 40 meter novice sub band and have only 10 Q's. Speed was not the
problem. It was the lack of stations doing the contest. In a QRP type

of contest I would average about three times the number of Q's for the 3 hours. If you want to do slower cw in contests, go to the novice sub bands. They could use the extra participants.

Ed Kwik AB8DF QRP-L# 1444

Roger Hightower wrote:
>
> This dog just won't die, will it?
>
> Pse read the 1998 ARRL November Sweepstakes Rules, page 118, QST,
> October 1998. In the box at the lower left corner, it gives suggested
> frequencies for Novice and Slow Speed CW.
>
> I checked 'em all on 15, 20 and 40M and found only a couple of people.
> So, OFFICIALLY, a portion of each band was set aside for the slow
> folks. They just weren't there.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Tue, 10 Nov 1998 08:52:17 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: pharden@aoc.nrao.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24708] Re: Solar event
Message-ID: <3.0.5.32.19981110085217.008155f0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I don't know much about all this, but let me tell you that about 01:30 UTC lastnight I was trying to cpy k4neo who must have been blasting along at 20wpm or perhaps a little less and well I didn't do that well, but the fact is I tried and was kinda successful. Point is as I asked for his name again, it was near on to 01:45 or so and he just disappeared in a cloud of qrm and whatever. Like he fell into a big hole. Then of course all these stations blasted in and that was that. I can't recall ever loosing a contact on 40m that quickly. Fading is normal and most times the contact comes bakc, but like someone just open a hole in reallity and sucked his signal in.
btw, what does "or" mean when someone sends it several times. Can't mean or like this or that.

tnx es 72/73 de Scott/n3byy

Date: Tue, 10 Nov 1998 09:04:01 -0500

From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [24709] grp purchase of a book
Message-ID: <3.0.5.32.19981110090401.0080d730@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, well looks as if we have 7 or 8 books to be ordered so far. If your intrested please let me know now. I will put the order together shortly. I would ask that you'd be ready to send money in advance. I would purchase them and then ask for the cash, but well the budget wouldn't stand for it and my Xyl would likely kill me. She has this wild idea that the household expenses come before the shack. Not sure where she got this ideA<g>.
In any event if you don't know about the potential grp purchase, let me know and I'll post the info direct. DOnt' want to clog the list again.
Oh, yeah, I get nothing out of the deal, not even a free copy of the book.
So E-mail if intrested to whowell@mail.hq.nasa.gov

Will close the ordering window this Friday. Then I'll drop an E-mail to all of those intrested with details of how the whole mess will fly.

tnx for the bw es 72/73 de Scott/n3byy

Date: Tue, 10 Nov 1998 09:07:52 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [24710] group purchase of a book
Message-ID: <3.0.5.32.19981110090752.00814200@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, I shouldn't post this again, but we're so close to 10 books that I just couldn't help it. If I get enough orders to have 10 books its only 9.95 per person and $3 figure for USPS priority shipping. That's a pretty good deal. I'll even pick up the shipping charge we have to pay to get the books to me.
Ok, so pse forgive the bw and one last call.
heree's the info for anyone who is intrested.

>
>SCOTT - HERE IS A COPY OF MY BLURB ON THE BOOK. IF I CAN SEND YOU
>ANYTHING BY MAIL, LET ME KNOW. 73, JOHN, K6YB
>   RIDE THE AIRWAVES WITH ALFA & ZULU
>
>Here is some info on a 304 page Novice/No-Code Technician
>Cartoon License Manual I have written, aimed at getting

>kids into ham radio. It is called "Ride the Airwaves
>with ALFA & ZULU" and covers all the questions in elements
>2 & 3A, as well as an introduction to element 1 (code).
>Originally, I tried using "Now You're Talking", but I
>found that I needed something more colorful, and enter-
>taining, to hold the kid's attention. So I developed 59
>cartoon characters, whose bodies are the Morse code
>letters and binary numbers, who explain and illustrate
>all 924 questions. Their names are taken from the
>phonetic alphabet - hence they are called "Phoneticos".
>On one page, or lesson, the Phoneticos illustrate sever-
>al questions on one topic, & the next page has a quiz on
>these questions. You can make up your own exams easily,
>and there are several crossword puzzles that teach ham
>radio words. You may find this license manual useful in
>your youth work - my students are very enthusiastic! It
>also is a great book for XYLs and "non-techies".
>
>See/order the book at <http://home.earthlink.net/~abtronix>.
>You can buy the book from amazon.com, or directly from me:
>1 copy-$14.95; 2 to 5 copies-$12.95; 6 to 9 copies-$10.95;
>10 or more copies - $9.95/book, INCLUDING S&H! School POs
>are welcome, and Invoices allow 30 days to pay. You may
>wonder how I make any money at those prices - well, I don't.
>The object is to just break even, and get the kids into ham
>radio before it is overrun by others.
>
>The book is also available at: Ham Radio Outlet; B&H Sales
>(Derby, KS); Brownsville Sales Co.(Stanley, WI); Honolulu
>Electronics; HSC Electronic Supply(Santa Clara, CA);
>JUN's Electronics (Culver City, CA); Michigan Radio
>(Warren, MI); Purchase Radio Supply (Ann Arbor, MI);
>Radio Bookstore(Rindge, NH); Radio City, Inc(Mounds View,
>MN); Rosewood Co (Elko, SC); RT Systems AR Supply(Hunts-
>ville, AL); The Radio Place(Sacramento, CA); Books etc.,
>(Campbell, CA); Barnes & Noble (In some stores and at
><http://www.barnesandnoble.com/>(type in "Ride the Airwaves").
>
>I became a ham in 1947, at age 13, and it was responsible
>for my 40 year career as an electronic engineer. Now I am
>trying to help make sure that kids today have this same
>opportunity. The USA has less than 6% of the world's
>population - we can't remain a "superpower" without
>getting our kids interested in science & engineering.
>Ham radio can be the doorway.   73, John, K6YB
>ABTRONIX, POB 220066, NEWHALL, CA 91322-0066
>805-222-7384/7385(FAX)   <abtronix@earthlink.net>

Date: Tue, 10 Nov 1998 06:41:25 -0800
From: David Shalita <af389@lafn.org>
To: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Cc: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [24711] Need 50 ohm Teflon mini coax
Message-ID: <36485095.4FBBD382@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

A while back, I bought from these newsgroup digests,
some 50 ohm Teflon Coax Cable, very close to same size as RG-174.
I need more but have misplaced the persons name, email address.
I am pretty certain the person was a "Jim" with N2 call letters.

Can you folks possibly help me make contact again with this person?

I need more of this coax.

Thanks for help.

73, W6MIK

--
David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Tue, 10 Nov 1998 09:11:44 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [24712] Re: QRP vs. ERP (A bit long . .)
Message-ID: <3.0.5.32.19981110091144.008ca7e0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Lou Martin wrote:
>>
>> I think true bragging rights belong to those running
>> dipoles/G5RVs/verticals, and other antennas that do not raise effective

>> radiated power.
>

Gang, the ONLY antenna that does not raise effective radiated power is an isotropic radiator - and I haven't figured out how to build one, nor would I want one. That's why the whole discussion of ERP is fruitless.

Every antenna has uneven power radiation - some directions are better than others. With rare exception, we can not measure effectively what our antennas are doing regarding gain and pattern. We can guess, we can model, we can lie to ourselves but that's about it. I, for one, have better things to do (like make a few QSOs) than build calibrated field strengh measurement equipment and plot the pattern of my antenna so that I can "properly" specify my ERP. Give it up.

Even someone with a beam has different gains over every degree of azimuth! It's only predictable (not accurately, either) if the beam is rotated directly at the station being worked. How many people take the time to optimize beam heading during a contest on each station? And, we are talking contests here, right? Unfair competive advantage to those with big antennas? Please! It's absolutely unrealistic to try to factor antenna pattern into our measurements.

OK, here's an excercise. If you think that it's important that ERP be used instead of power, make 100 QSOs. For each QSO, calculate your ERP to the nearest 0.1 watt. Consider carefully what you are doing. You'll need an accurate measurement of output power, an accurate measurement of coax loss (it's not the same on each band, of course), a bearing to the station worked, an estimate of the take-off angle used, the gain of your antenna (over an isotropic radiator, please) IN THE DIRECTION OF THE STATION AND AT THE TAKE-OFF ANGLE EMPLOYED.

Sure hope you didn't move your antenna or change antennas during this exercise. Oh, it didn't rain, did it? Got to factor in change in ground conductivity for the period when the ground was wetter than normal. Of course, I won't be interested in your results unless accompanied by a description of how you arrived at your take-off angle and measured your antenna pattern, along with how you calibrated your equipment - we've got to be fair, now.

I'm not trying to hurt someone's feelings. I appreciate the frustration of living in an apartment with a 10 ft. wet noodle. But really, QRP is about one thing - ONE THING! Low Power Amateur Radio. It's not about SSB vs. CW vs. Digital and it's not about ERP. All those things are viable, fascinating sub-aspects of the hobby. Get on the air. Make some Q's or, if you're not interested in contesting, some QSO's. Chat with someone. Share your positive thoughts.

Perhaps we should all mentor a bit more and brag a bit less. Maybe then "bragging rights" would be less annoying.

Yellow Alert. Deflector shields up. Weapon systems off-line :-)

72 from Houston.
Ed, N5EM
n5em@flash.net

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Tue, 10 Nov 1998 09:17:18 -0600
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>
To: pharden@aoc.nrao.edu, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [24713] RE: Solar event
Message-ID: <000401be0cbd$3550e9c0$d8016f81@muenzlerk.uthscsa.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

VERY COOL Pete!

I remember something like this back in 1989. I was working on 20 meters when all of a sudden I hear what sounded like a wave crashing on shore in my headphones. Like a big "woosh" and the band went completely dead. I thought I had lost my rig. The noise went up to about an S7 which is rare on 20 meters. I tuned across all the bands and heard nothing at all. I even turned on a CB that I had in the shack and it was dead except for local stuff, no skip at all. The noise gradually dropped to normal levels over a period of an hour or so. When I began to hear signals again they sounded like they were under water. That evening I heard on the news that we were going to be able to see the aurora here in south Texas. There had been a giant solar flare.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Paul Harden
> Sent: Tuesday, November 10, 1998 1:09 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Solar event
>
>
>
> On Tue, 10 Nov 1998, Pete Burbank wrote:
> >Hi Paul,
> >I'm afraid to post this to the list (like a guy who thinks he has
> >seen a UFO). In the wee hours this AM...9 Nov at 0625 UTC I was
> >listening to 40 near the QRP freq. ...lots of nice clean signals
> >rolling in here in central Ky. There was sort of a boom in my
> >headphones and then the band was all choppy with a few weak
> >signals. It was so abrupt that I noted the time.
>
> Peter,
> This is really cool ... if you look at the solar/geomagnetic report
> I posted earlier, it cites how the MAJOR storm started around
> 0600 UTC.
> >From todays solar wind data, you can clearly see where the shock wave
> from fridays M-class flare and CME smacked into the Earth a bit after
> 0600 UTC, which triggered the major geomagnetic storm.
>
> YOU HEARD THE SHOCK WAVE AS IT HIT THE EARTH'S MAGNETIC FIELD!
....

> 72, Paul NA5N
>
>

Date: Tue, 10 Nov 1998 07:18:32 -0800
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [24714] Yaesu FT-7 power reduction?
Message-ID: <000101be0cbd63193060a1fe2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been studying the schematic and manual of my recently acquired FT-7

(10 watt rig) to find some simple way to reduce power output. I haven't found any sort of drive control. Have I missed something you have found?

The other thing I've looked at is using the AGC line to control output power. Has anyone done that successfully?

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Tue, 10 Nov 1998 10:34:14 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-l@Lehigh.EDU
Subject: [24715] FYI Meteor Showers
Message-ID: <19981110.103640.-213093.3.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Meteor showers offer a unique form of communication.

They cast back radio signals.

A giant reflector in the sky.

Yet another facet to this marvelous hobby.

QRP related ? This is just another form weak signal communication.

The upcoming Leonids Meteor Shower (RE: this list) offers the thrill of participating (even if just a listener).

Got to >>http://www.nitehawk.com/rasmit/<< and

read about weak signals, HSCWMS, radio astronomy and MORE !

Software is available there too,
receive mode emulates a tape recorder with variable speed playback,
transmit mode can send CW at speeds from 20 WPM to 3,500 WPM.

You think that SS "test" was fast CW,

how about 3,500 WPM CW (yep, thirty-five thousand),
more than fast it is high speed cw (HSCW).

The software can also be used as a form of radio telescope that paints a
correlation "water fall" display.

John
N3AAZ

.

_____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 07:39:26 -0800
From: "Radman" <radman@best.com>
To: <af389@lafn.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <jskalski@buffnet.net>
Subject: [24716] Re: Need 50 ohm Teflon mini coax
Message-ID: <199811101537.HAA15372@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dave et al,

Purely a guess on the "mystery vendor" of Teflon RG-174 --
Jim - N2GO at: jskalski@buffnet.net

****

72 - Conrad Weiss - NN6CW

ps... I did purchase some Teflon hook-up wire from Jim.
Really nice stuff & great prices :-) !

Date: Tue, 10 Nov 1998 10:25:13 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <ae2t@bigfoot.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24717] Re: Sweepstakes comments
Message-ID: <199811101538.KAA18983@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well Gang,

I wasn't going to comment on the SS this year, but after reading some of the comments, particularly from Al, AE2T, I just have to say my piece.

This year I was working with a broken antenna. The big Horizontal loop (my baby) got broken. Then I wound up about 50' of it in the lawn airiator. So I had a sort of unbalanced extended Zepp. The ladder line that usually goes straight up 55' was lying on my roof.

Before the contest there were many comments about computer logging programs, so I decided that since I wasn't going to set the world on fire anyway, I might as well try CT. Didn't make the interface, planning to use my CMOS III keyer as usual.

When I started listening, everyone was *fast*!! I was transmitting at about 22 WPM. I listened to exchanges 2,3,4 or 5 times to be sure I had the info before daring to throw my call into the pile. I never asked anyone to slow down, but some did. I skipped one or two who were so fast they sounded like bees buzzing. Unsure of the computer, and my skill at remembering the data, I wrote everything down, then typed it in. So the computer slowed me down considerably, but, after all, it was a learning experience. The Dupe feature was useful, and it sure was nice to have a completed *accurate* log at the end. Computer logging is a skill I'll have to practice.

As time passed my recognition of numbers improved dramatically. By the second day, I was not listening to get the information ahead of time, but could copy it as sent.

There were only two or three stations who didn't answer my QRP signal. one was our own Bob, N4BP. I tried zero beating, slightly above and slightly below him, but he never heard me. This was early in the contest on 20M. I think he had a pile up of QRO stations, and had his filters pretty tight. (Bob, your comments?) Later in the contest I worked Bob.

One west coast station heard my call after a repeat or two, but couldn't copy my report. I kept slowing down and he kept asking for a repeat. I speeded up to about 30 WPM and he got it immediately!!! This confirms a point made some time ago by Ron, KU7Y. Sometimes the QRP signal is being QRMed or QRNed, and a fast report will sneak in between static flashes.

Contesting is hard. QRP contesting is hard. It is the challenge that makes it fun for some of us. This weekend I worked Alaska and two PAC stations, NH7A and KH6NB. Not bad for less than 5 watts and a broken antenna! I, too was amazed at the skill of many operators.

Statistics: 178 QSOs, 60 Sections, score 21,360.

No records broken here, but I had a great time, and isn't that what it's all about?

As you've figured out by now, I agree with Al.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Tue, 10 Nov 1998 11:08:05 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [24718] Ham Key & Brown Brothers paddles
Message-ID: <v03102803b26e06b2daca@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I picked up a Ham Key paddle at a hamfest last month, and I was wondering if there is any connnection between the Ham Key sold by a store in St. Louis and Brown Brothers? Is the Ham Key an imitation Brown Bros?

Thanks and 72/73,

Rick kf4ar

Date: Tue, 10 Nov 1998 10:52:36 EST
From: "Stephen D. Cohen" <scohen@xps.xybion.com>
To: qrp-l@lehigh.edu
Subject: [24719] November Sweepstakes - Another Perspecitve
Message-ID: <926FA6064D@xps.xybion.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

Having read all of the negative commentary in this group regarding the fast code folks during the November Sweepstakes, I felt I just had to enter my report. My findings were refreshingly opposite those of most of the respondents.

First a little background. I've been a ham since 1993, and in that time have managed to work my way up to amateur advanced. I've worked very little CW along the way, however, as I've been diddling with VHF stuff and QRP SSB for the most part. For some reason, the bug to work the Sweepstakes bit me early last week, and by Thursday the buzz on this forum convinced me to go for it.

Saturday dawned with two slight problems for Sweepstakes. The first was that I did not have a keyer to use (having returned the one I borrowed shortly before my move to Florida). This was quickly rectified by cobbling one together on proto-board with a Curtis 8044 chip. "Let's see, 2N2222s.... Hmmmm, no 2N2222s.... I'll just use 2N3904s (the palmetto bug of transistors)... Hmmm... 47K resistors.... I'll just use these 15Ks (with a little thought to currents, etc. I'm not a complete barbarian!)..." Amazingly, when this assemblage was complete, I had a fully functional keyer with a really really really touchy speed control. :-)

The second problem was that I did not have an antenna up, nor does my yard present many opportunities for same (no big trees!). I solved this one by cobbling a sloppy 40M dipole from some wire I was saving for a halfer (thanks Joe) to use with a Rainbow tuner and feeding it with a hundred feet of foam RG8. I laid this wonderment along the ridge line of the roof, and much to my amazement, it worked just fine. For some reason, it wanted to resonate at 6Mhz, but it tuned to 40M and 15M with no problems with the ATU in my TS-440.

So with my power control cranked back to 5W, I was on the air. I first grabbed what I could on 15M, since the sun was setting. I worked a few stations and was pleasantly surprised at how well the cobbled together antenna was working. I was also *extremely* surprised at how easy it was to make contacts with my rusty code. Invariably the procedure went something like this:

1) I hear a speed demon. I listen several times until I'm pretty sure on the call.
2) I throw in my N3OIE
3) After a try or two, they come back and give me my report at 32,876 WPM (might as well be).
4) I send them a sloooow (about 10 WPM) RPT QRS PLS (note: I tried AGN PLS QRS and that didn=92t work as well as RPT QRS PLS).
5) They come back with a *much slower* report.
6) We work out whatever fills are necessary based on how slow the second report was. :-)
7) I sent my info and they got it first try. After all, they are seasoned contest ops.

Some of the ops couldn't adjust their keyers easily, so they simply sent 30 WPM characters with 15 WPM spacing. This took a little getting used to, but once I'd calibrated my ears, it was no problem.

I can only think of two or three QSOs that were abandoned by the other op, and without exception they were on 40M. I was somewhat amazed at how much more friendly and laid back things were on 15M. Because of the more relaxed environment, about two thirds of my 63 QSOs (Oooohhh Ahhhhh) took place on 15M.

One thing I did notice, even when I zero beated the other guy, I often did not get a reply to my 10 WPM call. After some thinking, it occurred to me to try a few hundred Hz up and down to make sure they couldn't hear me. I was also amazed at how often moving up or down a hundred hertz got a reply.

I probably worked more CW this weekend than I have in my ham career to date. I had a great time and am especially appreciative of the other ops that sssslllloooowwweeeddd down for me.

On a more humorous note, I got my section wrong. Seems I moved to Florida and wasn't quite as sure of my section as I thought I was. I sent NFL and I should have sent SFL. I hate it when that happens. I'll just have to wait and see if the ARRL disqualifies the (63 QSO and 37 Section) entry. If they do, I hope they don't also disqualify me for SS99, as I am *definately* going to be there.

72,

Steve

P.S. Worked four other QRP stations, K4VFY, W2EB, K1TR and KC4ATU.
At least I'm *fairly* positive they sent 'Q's.

P.P.S. I think my code speed improved about five WPM over the
weekend. Now to work the the MFJ-418 to improve it! I'd sure like
to be useful for CW at Field Day.

Stephen D. Cohen
Engineering Manager
Xybion Corporation, Sensor Positioning Systems
11528 53rd Street North
Clearwater, FLA 33760-4825
scohen@xybion.com

Date: Tue, 10 Nov 98 11:27:38 -0500
From: Chuck Adams <adams@ticnet.com>
To: "Stephen D. Cohen" <scohen@xps.xybion.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [24720] Re: November Sweepstakes - Another Perspecitve
Message-ID: <199811101743.MAA159122@nss4.cc.Lehigh.EDU>

Steve,

I think you bring up an interesting queston.

If you send the wrong senction, I think you need to
enter you log to the ARRL as you sent it. This will
keep the other guys from have "busted" Qs, i.e. if
you change your section then the ARRL discounts
their entry for you.

The ARRL may disqualify your entry, but I doubt it.
Send them a note and see what happens. Honesty
is the best policy as they say.

Good work and good report.

dit dit es gl

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Wed, 11 Nov 1998 10:56:46 -0600
From: "James A. Carmody" <carmodyjim@earthlink.net>
To: n5em@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24721] Re: QRP vs. ERP (A bit long . .)
Message-ID: <3649C1CE.6546161C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed and the group,

Right on re the "isotropic" misnomer. It is easy to think of your vertical on the car as "omnidirectional" --and it is--but very unequally, at least at HF. I have always noticed that there is a very sizable lobe in favor of the direction of the most metal from the point of view of the antenna..

And yes--I am back from qrp ing HB9/ and DL/ , mostly mobile. About 100 qsos and lots of fun. I will make a fuller report on that and hotel antenna experiences when the jet lag wears off.

Regards,
Jim/nn5o

Ed Manuel wrote:

> >Lou Martin wrote:
> >>
> >> I think true bragging rights belong to those running
> >> dipoles/G5RVs/verticals, and other antennas that do not raise effective
> >> radiated power.
> > >
> >
> > Gang, the ONLY antenna that does not raise effective radiated power is an
> > isotropic radiator - and I haven't figured out how to build one, nor would
> > I want one. That's why the whole discussion of ERP is fruitless.
> >
> > Every antenna has uneven power radiation - some directions are better than

> others. With rare exception, we can not measure effectively what our
> antennas are doing regarding gain and pattern. We can guess, we can model,
> we can lie to ourselves but that's about it. I, for one, have better
> things to do (like make a few QSOs) than build calibrated field strengh
> measurement equipment and plot the pattern of my antenna so that I can
> "properly" specify my ERP. Give it up.
>
> Even someone with a beam has different gains over every degree of azimuth!
> It's only predictable (not accurately, either) if the beam is rotated
> directly at the station being worked. How many people take the time to
> optimize beam heading during a contest on each station? And, we are
> talking contests here, right? Unfair competive advantage to those with big
> antennas? Please! It's absolutely unrealistic to try to factor antenna
> pattern into our measurements.
>
> OK, here's an excercise. If you think that it's important that ERP be used
> instead of power, make 100 QSOs. For each QSO, calculate your ERP to the
> nearest 0.1 watt. Consider carefully what you are doing. You'll need an
> accurate measurement of output power, an accurate measurement of coax loss
> (it's not the same on each band, of course), a bearing to the station
> worked, an estimate of the take-off angle used, the gain of your antenna
> (over an isotropic radiator, please) IN THE DIRECTION OF THE STATION AND AT
> THE TAKE-OFF ANGLE EMPLOYED.
>
> Sure hope you didn't move your antenna or change antennas during this
> exercise. Oh, it didn't rain, did it? Got to factor in change in ground
> conductivity for the period when the ground was wetter than normal. Of
> course, I won't be interested in your results unless accompanied by a
> description of how you arrived at your take-off angle and measured your
> antenna pattern, along with how you calibrated your equipment - we've got
> to be fair, now.
>
> I'm not trying to hurt someone's feelings. I appreciate the frustration of
> living in an apartment with a 10 ft. wet noodle. But really, QRP is about
> one thing - ONE THING! Low Power Amateur Radio. It's not about SSB vs. CW
> vs. Digital and it's not about ERP. All those things are viable,
> fascinating sub-aspects of the hobby. Get on the air. Make some Q's or,
> if you're not interested in contesting, some QSO's. Chat with someone.
> Share your positive thoughts.
>
> Perhaps we should all mentor a bit more and brag a bit less. Maybe then
> "bragging rights" would be less annoying.
>
> Yellow Alert. Deflector shields up. Weapon systems off-line :-)
>
> 72 from Houston.
> Ed, N5EM
> n5em@flash.net

>
> Ed Manuel, N5EM
> Houston, Texas
> n5em@amsat.org
> n5em@flash.net

Date: Tue, 10 Nov 1998 09:10:48 -0800
From: Norm Melick <henmel@gte.net>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24722] Re: 11-2-10 Info
Message-ID: <36487398.FCBF045D@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

K2UD@aol.com wrote:
>
> The latest MCM catalog shows the Maxon MCB-30 for $55.95.

Last night, I ran across 15 of them for 39.95.

If anyone wants me to grab these and make them available to
the list, let me know and I'll see if I can't round them up.

Norm Melick

Date: Tue, 10 Nov 1998 12:09:16 EST
From: JCoote@aol.com
To: src@homer.libby.org, qrp-l@lehigh.edu, garyj@muscolino.com,
garnold@firedept.net, comm5@pacbell.net, richard_mcclung@tcibr.com
Subject: [24723] Want: IC-728 QRP & band mods
Message-ID: <582618c2.3648733c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for reading-
I'm working on an Icom IC-728 HF transceiver for someone who wants a QRP mod
(power changed from 10-100 watts to 3-100 watts). They also want the TX mod
for MARS, etc.

Thanks,
Jay Coote   W6CJ
Los Angeles

Date: Tue, 10 Nov 1998 12:19:19 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-l@Lehigh.EDU
Subject: [24724] RE: FYI Meteor Showers
Message-ID: <19981110.121936.-213093.5.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep,

I know (3,500) is (three thousand five hundred) not (thirty five thousand),   TNX !

But,

      >> pse rmbr im nw qqoof <<

and it is still a lot of fun at any speed :))

John
N3AAZ

.
____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 10:04:31 -0800
From: Grant Taylor <k7gt@qsl.net>
To: qrp-l@lehigh.edu
Subject: [24725] QRO response to QRP contesters (long)
Message-ID: <3648802F.C1B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received the following (long) note back from W6NL in reply to my post to NCCC about the apparent anti-QRP sentiment being expressed in post-SS postings there.

- - - - - - - - -

I guess I missed something...I didn't detect negative comments toward QRP stations, just realistic complaints that for a given set of interference, propagaton and noise, the QRP stations provide really valued QSOs but are often harder to pull out of the mess. And for a big station, contesting is definitely signal-to-interference limited; all the other signals and clix and stuff goin' on is the problem, but it's just part of contesting.

And the better your antennas are, you better believe it also pays off in more received interference too! If you're gonna dig down to the layer below the biggest signals, you wouldn't believe the QRM you have to work around when you're using a really good antenna (with a simpler antenna, all the QRM but also all the possiblity of hearing less than the strongest signals just aren't there).

I do think that adapting operating practice to the contest situation could be helpful. No matter what your power, when you call someone and you can tell they're having trouble pulling you through, then you can learn from standard packet networking practice and keep the messages short, so if you lose one, it's not a big investment for either party. If there's a disparity in power between two stations, the lower power station can typically hear the higher power station better than the reverse, so the QRP stations could increase the enjoyment for themselves and for the folks on the other end by sensing if they're hard to copy (could be line noise, rain static, but definitely interference from higher-power adjacent stations) and be guided by the requests of the higher power station.

One of the things I hear all the time (QRP or no) is a repeat of a full call or a full exchange when I've asked for, say, the last letter or for the QSO number (sometimes because I let myself get distracted with the other radio or something, then realize I've blown it, not just because of low signal level in QRM). A QRP station may not be an experienced contest CQer, so the idea of losing a beautiful frequency exactly midway between two others blasting away may not always be a top QRP priority, but it is a real problem for a contest station and operator going for a competitive score.

So...I don't think anyone's complaining about QRP stations, just reflecting the desire that folks who sense they're hard to copy could empathize more with the bleary-eyed sore-eared contester on the other

end, and fill only what's asked for, with enough time for the CQing station to transmit a heartbeat that shows the frequency isn't vacant and up for grabs.

Example (leaving out phonetics for the most part):

Big gun: CQ SS W5QRO SS
Response: W6QRP   Whiskey 6 Quebec Radio Papa
BG: W6QR?, #2122 B W5QRO 37 NTX, I need the last letter of the call
QRP: It's W6QRP P Papa Papa #549 Q W6QRP 67 SCV
BG: OK, W6QRP, what's the number? (BG need not repeat, QRP hears QRO)
QRP: 549 549 549 QSL? (meets coding test of what you expect to hear)
BG: 54 what? Is it 541?
QRP: No, 589 9 9 9 1-2-3-4-5-6-7-8-9 QSL? (if 0, say 3-2-1-0)
BG: 549, thanks, W5QRO SS

Note that this has BG transmitting intermittently during the whole QSO, so the frequency is obviously busy even if a potential baracuda can't hear W6QRP, and the QRP station is guided by the higher power station (presumably with higher S/N) to fill only what's been asked for, keeping each transmission short and to the point, and using signals like QSL that are what BG expects to hear, so can decode more easily in noise.

BTW, BG can transmit anytime he wants if he is receiving a long "packet" and knows what's in most of it, just say something loud but short, like "again" that won't bother the transmitting QRPer anyway. If BG has any doubt, repeats entire received exchange for QSL/OK. Note also that experienced BG doesn't waste airtime with "QRZ", when his call has much more information content in the same time, particularly for folks just now tuning across him.

So I guess more fun for all if each walks a contest in the other's shoes, eh?

Certainly the QSOs are eagerly sought. And yes, some of the QRP signals are amazing, would make the sender proud indeed to hear. A welcome part of hamming and contesting!

73 de Dave, W6NL
 -

--
Grant Taylor K7GT Pleasanton/Livermore CA k7gt@qsl.net

Date: Tue, 10 Nov 1998 10:06:44 -0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>

To: <cait.martin@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [24726] Re: The HF rigs I use
Message-ID: <000201be0cd4$eca21d80$7be9b094@t7w6w7>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Very interesting and ideal for my FAQ's! May I have your permission to use
it please on my web site?
To the rest:
Also I am awaiting much more input on backpacking antennas, kits recommended
and the 'best band' - to assist newbies to QRP, so come on guys, put a
little back into your hobby! Remember when you needed help starting up?
There are many like you so get thinking and help me to help others starting
up in the wonderful world of QRP.
Best wishes all.
.....
Frank G3YCC
GQRP Club 042
(g3ycc@g3ycc.prestel.co.uk)
Award Winning QRP Web Site:
http://www.homeusers.prestel.co.uk/g3ycc/index.html

Date: Tue, 10 Nov 1998 11:07:17 -0700
From: Rod Cerkoney <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24727] Re: MY REPLY
Message-ID: <19981110110717.13604@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

Now that I have an OHR100A on order I thought I better get a sraight key
for it. Wow, new ones are expensive! Anybody have a good quality key for
sale?

--
73, K0RWC, Rod Cerkoney, Fort Collins, CO.
da di dah

Date: Tue, 10 Nov 1998 13:19:27 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bob Kellogg <ae4ic@nr.infi.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24728] Re: Sweepstakes comments
Message-ID: <Pine.3.89.9811101313.B13656-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

On Tue, 10 Nov 1998, Bob Kellogg wrote:
>
> There were only two or three stations who didn't answer my QRP signal. one
> was our own Bob, N4BP. I tried zero beating, slightly above and slightly
> below him, but he never heard me. This was early in the contest on 20M. I
> think he had a pile up of QRO stations, and had his filters pretty tight.
> (Bob, your comments?) Later in the contest I worked Bob.
>
Hi Bob, Since you asked for my comments via the reflector, guess I better
respond the same way. But, by doing so, I'm probably inviting another
"Impeach N4BP" thread like I got last year! Remember that? :-)
Anyhoo, you're probably right on both counts. Early in the contest (if
it was on 20M, it had to have been after my first three hours on 15), I
was running stations - probably mostly QRO - at rates above 90/hour. And
I did get the first very helpful boost from the 250hz filters that I
bought for the 1000MP early this year. Add to that the power
differential (I was running "B" at 1500W) and maybe you can see why I
might not have heard you! I did work many familiar calls from QRP-L (and
I DO listen up for familiar calls!), but I'll bet that the majority were
on 15 Meters. Glad we did make contact eventually, was it on 15?

I have been running both QRP and QRO for many years. My main interest is
in contesting whether it be running the legal limit in SS or 1W in a QRP
club sprint. I've also been a member of QRP ARCI for many years and they
have no problem with members running high power when it suits them. In
the CW SS, I have a decade plus string of 1000+ QSO entries which I would
like to maintain while I can still copy the Morris Code. By the way, I'm
one of those evil persons who log and send with a computer, but as
others have stated, know of no computer program that can copy code
through QRM.

       73,
                   ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
                Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp

---

Date: Tue, 10 Nov 1998 13:21:01 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrpl <qrp-l@Lehigh.EDU>
Subject: [24729] mylar caps
Message-ID: <3648840D.1E2E1042@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Are Polyester caps a suitable replacement for Mylar types in an audio
filter circuit?
--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Tue, 10 Nov 1998 13:27:11 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-l@Lehigh.EDU
Subject: [24730] ATTITUDE, mode and MANNER
Message-ID: <19981110.132717.-204737.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

tnx, Steve

RE: November Sweep Stakes Another Perspective (this list).

A positive attitude.

Very refreshing.

Yep, I run the other modes too.

John
N3AAZ

.
_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 11:40:34 -0700
From: Brian Kassel <bkassel@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [24731] Re: fast cw
Message-ID: <364888A2.76932232@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

  I know that the CW copy in the SS contest can be quite overwhelming at first. Here is one way that will allow you to make QSO's in any high speed CW contest, and maybe even build up your score.

  I use a pocket dictation cassette recorder. It includes a speed switch that allows playback at 1/2 the recorded speed. When in the "search and pounce" mode just record the exchange. Rewind the recorder and playback the QSO at 1/2 speed. Usually the speed is slow enough to enable copy. Record the pertinent data, rewind the recorder, and your ready to search out the next QSO.

  I have made hundreds of QSO's in each of several contests this way. Yes,
with the added time that you will be taking to use the recorder, you probably will not set any records, BUT you will make QSO's,
where you would not be able to participate in the contest at all otherwise. Also, you will slowly be able to develop your CW copying speed.

  Don't stand on those sidelines, participate, have fun, get those speeds up. Above all, don't be intimidated. Those other stations WANT your QSO.

Brian W5VBO

Date: Tue, 10 Nov 1998 10:39:55 -0800

From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24732] Audio Phase shifter number of poles, adjustments and filtering
Message-ID: <3648887B.8B5C0195@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello everyone,

Using the 90 degree phase shifter tables from "Electronic Filter Design Handbook" by Arthur B. Williams, section 7.5, I noticed that a lower phase shift error can be acheived by using 4 sections instead of three.
(0.0075 degree error instead of 0.1 degree)

Q -> Is it overkill to use a 4 section phase shifter instead of the three?

Using one quad low noise op amp for I and one for Q. A third one can be used to get the USB and LSB as well as the biasing needed.
A fourth low noise quad op amp can be used with the tayloe product detector.

Q -> Anything flawed in my thinking?
Q -> Would any crosstalk in the quad op amps amplifying the tayloe mixer output reduce the sideband rejection?

I thought about the tuning of the phase shifter.

The design equations have the R = 1/(alpha*C) where C is known and alpha comes from the tables and multiplied by the frequency scaling factor (FSF).
The optimal 1/RC values are known (being equal to alpha).
I though of putting a standard 5% resistor and capacitor with a 10 turn trimmer pot. By using a 555 timer, one could ajust the trimmer to the proper frequency hence proper RC constant (hence proper alpha). It would be a simple matter of adjusting the trimmer to the proper frequency.
One could use a simple set of jumpers to put the R and C out of circuit and be able to plug in a tuning timer.

This way, one can be sure to perfectly adjust the poles of the phase shift sections. Adjust individually the poles will reduce any phase shift error.
The last adjustment would be the phase balance trimmer. (2 trimmers if generating both sideband at the same time)

Q-> Anything flawed here?

Filtering could be done with the nice maxim switched capacitor filters (nice little 8 pin chips) The cutoff frequency will simply be determined by a

555 timer which has a pot controling the frequency. A switch would switch
between butterworth and elliptical filters. This can be done on both sidebands
at a time if one wants to...

Q -> Anyone has experience with these?
Q -> How noisy are they?
Q -> Is there any shielding needed for the clock?

Any comments?
--

                                ,,,
                               /'^'\
                              (o o)
----------------------------oOOO--(_)--OOOo-----------------------
  Pierre Constantineau B.Eng   Email: pierre@cmpe.ubc.ca
  M. Applied Sciences Candidate   Phone: (604) 822-2913
  Flash Smelting Group   Fax: (604) 822-4750
  Centre For Metallurgical   111-2355 East Mall
  Process Engineering   Vancouver, BC, Canada
  U. of British Columbia   .oooO   V6T 1Z4
  http://noname.cmpe.ubc.ca (   )   Oooo. Amateur Radio: VE7JPC
-----------------------------\ (----(   )-----------------------
                              _)   ) /
                                    (_/

Date: Tue, 10 Nov 98 13:08:44 -0500
From: Chuck Adams <adams@ticnet.com>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [24733] Re: Sweepstakes comments
Message-ID: <199811101906.OAA100796@nss4.cc.Lehigh.EDU>

Bob et.al.,

Thanks for the note on SS and from your perspective.

We apologize for the beating that you took several
seasons ago on the reflector. :-) I understand the
issues when you have a string going. The highest
I ever saw on the rate meter on my end was 70
but that didn't last long.

When I had a freq calling CQ there were spurts of
activity. Sometimes it seemed like forever before
anyone would answer and then it was a string of

three or four replies back to back. It's funny to look up at the clock and see that you've only been calling 45 seconds without a reply and it seems more like 3 mins have gone by. :-)

I like to think in three dimensions and what I imagine is a pond filled with some big fish (QRO) and some little fish like minnows (QRP). The big fish are sitting idle in the water. The little critters are moving around trying to find the big ones. Sometimes the little fish move in clusters and show up at the same time.

Sometimes one of the little critters (QRP) manages an area where the big fish are away and starts talking to the little critters that come by and once in a while a big fish might be moving around and comes along also. The big fish get moved around the pond, so to speak, by other big fish as it is a crowded pond on the weekends. :-) So what should be a uniform flow gets bunched up in groups.

>From the perspective of one of the little guys.

Thanks for the Q during the contest. As my log is in limbo right now I can't say what band or who I worked right now. It's all a dream right now. More like a nightmare.... :-)

The list went into a moderated mode again until the flame wars die. Period.

Bob, congrats on the string of 1,000 Qs per SS. I and others can understand the quest. And I did see the Ameritron in the picture on the web page. I figured it wasn't being used as a paper weight. :-) ;-)

dit dit

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Tue, 10 Nov 1998 19:22:31 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [24734] Re:Tuning Forks trade and Res. Spkr project.
Message-ID: <36489277.7E29@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good morning all.

Well, I got ZERO takers to trade me a set of tuning
forks for a 13.8Volt Smart charger/Linear Power
supply (DC @480 mA).

When I reach that fork in the road of life, I'll pick it
up, strike it, and apply it to ham radio.

Fortunately it was a wish and not a need. I do have
two sig gens. Just a pain to keep accurately adjusting
them to the different required frequencies of the chambers.

More math first. Maybe I'll do the SSB module MUCH later. But
I have to ensure it can be used in the existing platform without
changes to the main design.

Some of the intricate problems I'm tackling (For those following
the design process) are:

Density, Velocity, Pressure of acoustic waves and quadrature of same.
Reflective properties of open ended pipes, diameter/Wavelength ratios.
Bandwidth effects of resonant chabers with different volumes.
Volumetric and length relationships in tuned chambers.

All of these has been investigated sufficiently to achieve the
current design, allowing an acceptable 1 Inch/100 Hz tuning capability
of the device, allowing sidetone match from 300 Hz to 1.1 KHz without
incident.

If there is anyone game to deliver me to the next Norcal meeting,
I would like a ride. And of course I will bring my prototype
with me.

The current connector is 1/4 inch audio jack.

Best 72/Ed WE6W

--
72, Ed WE6W (CW only/VP-0); http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Tue, 10 Nov 1998 12:39:45 -0700
From: Brian Kassel <bkassel@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [24735] SS - The Last Word
Message-ID: <36489681.BD866318@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

  Remember, please SEND IN THOSE SS LOGS! If we expect the various organizations to "give us QRPers" more respect (sorry Mr. Dangerfield), we need to let them them know about our activities.

  There has been more than one QRP-L operator that have actually WON their division just by sending in their log with only a few hours of operation!

  C'mon now, you should be rested up by now, the CW in your head has stopped, and the effects of all that coffee and Diet Pepsi are all but vanished.

    Just do it ;)

Brian W5VBO

Date: Tue, 10 Nov 1998 12:33:01 -0700
From: Brian Kassel <bkassel@dancris.com>
To: qrp-l@lehigh.edu
Subject: [24736] SS Results - W5VBO
Message-ID: <364894ED.E8E64D7E@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

I initially had planned on doing just 100 QSO's for the CW SS, so that I would get my pin from the ARRL. Well, I wound up working about 18 hours. I had wayyy too much fun.

Rig: TT Argosy digital - 5W

Antenna Tribander at 37 feet. (10, 15 and 20M.)

80M Horizontal Loop up about 20 feet.

Butternut HF-2, ground mounted 64 radials.

Ran TR contest software on ancient Compaq 386 notebook. Program and computer did the loging and cw transmitting, I did the CW copying. I used a micro-cassette recorder on the really fast ones.

Score:

80	40	20	15	10
30	52	133	65	34

Sections: 71

44,588 Total points

Not once did I call CQ, all QSO's were "search and bounce".

I only worked a handful of QRP stations, but I'm sure that most were running mostly "search and bounce", so I missed them.

Wayyyy too much fun!

Brian W5VBO

Date: Tue, 10 Nov 1998 14:34:12 -0500
From: "ROBERT EVANS" <revans@sarnoff.com>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24737] Re: fast cw
Message-ID: <36489534.30250E02@sarnoff.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I bought one of those toy digital recorders.
It has a speed control, which you can turn up for record and down for play back.
Then, hit the playback over and over again until you can copying the info solid.
The one i bought was a "YAKBAK" i think. $6
There are even pens that offer this feature.
CU DE N2LO~>

Brian Kassel wrote:

> Gangue:
>
>   I know that the CW copy in the SS contest can be quite overwhelming at
> first. Here is one way that will allow you to make QSO's in any high
> speed CW contest, and maybe even build up your score.
>
>   I use a pocket dictation cassette recorder. It includes a speed
> switch that allows playback at 1/2 the recorded speed. When in the
> "search and pounce" mode just record the exchange. Rewind the recorder
> and playback the QSO at 1/2 speed. Usually the speed is slow enough
> to enable copy. Record the pertinent data, rewind the recorder,
> and your ready to search out the next QSO.
>
> Brian W5VBO

Date: Tue, 10 Nov 1998 10:09:05 -0800
From: "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24738] SS Log Format
Message-ID: <199811101807.KAA14275@newspaper.cwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I am submitting my 21 Q's to the ARRl electronically and I an not sure of the format. I am following the instructions on their web site, but the sample does not seem to apply to the SS. Could someone send me or post what one line in the log should look like for electronic submission?

Thanks

73
Barry KF6RDI

Date: Tue, 10 Nov 1998 13:13:18 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24739] Fox hunt, ck out new site, pot tnx Jerry!
Message-ID: <36489E5E.5A9B@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

Going to give the fox hunt another go tnt! Had 2 failures previously, but tnt I will prevail(I hope!) Still going to be Railroad mobile(stationary of course!), and have come up with a new antenna setup. This time I will bring my straight key to use just in case my keyer goes south again!

Found this site today and they appear to have some interesting kits.

http://www.vectronics.com

Jerry McCollom, thank you sir for sending me the nice ten turn pot! Going to put it into my next GM kit! Very nice of you to take on such a big undertaking and your to be commended!

See you all tnt on the fox hunt!! 72, Tom WB5QYT/qrp/rrm

Date: Tue, 10 Nov 1998 09:46:48 -0500 (EST)
From: "Curtis D. Levin" <kd4zkw@amsat.org>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [24740] Your Bazooka Antenna design.
Message-ID: <Pine.LNX.4.05.9811100942360.244-100000@dania.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was reading up on the bazooka antenna you put together for
40 meters, I think it was. I was wondering, what exactly
are the differences between that and a regular dipole ?

I am interested in brewing up a decent antenna for 40,
and I have alot of room, but I also have 3 wires running
across the length of the backyard. I looked at the arrl
skyllop, but don't know if I can get it high enough, or
quite big enough. The house is 34 feet square. Would
a bazooka be usable in a similar config, with just say
two legs at 90 degrees ?

Curtis D. Levin kd4zkw.ampr.org [44.98.2.22]
kd4zkw@amsat.org QRP-l #1488
http://dialisdn.net/user/cdlevin/

Date: Tue, 10 Nov 1998 12:36:18 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [24741] Antenna Contest Exchanges: An Invitation (long)
Message-ID: <19981110203620.5702.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Gang

In the March/April 1995 issue of NCJ: National Contest Journal,
published by the ARRL, I wrote an article, "On the Road to More
Interesting Contest Exchanges: Alternatives to 599/59," pp. 5-6. I
was living in Turkey at the time with no www connection, but I received
some positive responses by snail mail. I d like to pick up the subject
again and invite you to contribute something original to amateur
operating practice. You need not be a dedicated contest operator or a
DXer. All you need to do is to invent a pithy system for describing any
antenna. The system could be used in contests and DX operating as an
alternative to the almost ubiquitous and totally meaningless 599/59
signal report. For those without access to the original NCJ article,
I ll summarize it here and move on to a proposal of how you can help to
create a new morsel of information which could be used in CW ragchewing

as well as contests and DX operations using any operating mode. Here s the summary:

1. The "signal report" exchange which many contests and DX operations use has degenerated into a 59 or 599 issued to all stations. Even though honest signal reporting provides useful information, especially for QRPers, reforming the operating habits of thousands of amateurs is impossible and not worth the effort. A much more practical and creative approach is to REPLACE the RS/RST report with an alternative which is both straightforward and informative.

 2. Here is a partial honor roll of contests which already do not require signal reports. The list includes their alternative exchanges:

Minnesota Frostbite Falls Beach Party: QTH, Celsius temperature
North American QSO Party: QTH, name
Jan/June VHF Sweepstakes: Maidenhead grid square
North American Sprint: QTH, name, serial number, both callsigns
Virginia QSO Party: QTH, serial number
ARRL VHF/UHF Spring Sprints: Maidenhead grid square
Georgia QSO Party: QTH, serial number
Ten-Ten International Net Spring CW QSO Party: QTH, name, 10-10 number
SMIRK QSO Party: Maidenhead grid square, SMIRK number
CQ WW VHF QSO Party: Maidenhead grid square
Field Day: QTH, Field Day class
ARRL UHF Contest: Maidenhead grid square
September VHF QSO Party: Maidenhead grid square
ARRL 10 GHz Cumulative Contest: 6-character Maidenhead grid square
YLRL Howdy Days: membership status
California QSO Party: QTH, serial number
Pennsylvania QSO Party: QTH, serial number
ARRL November Sweepstakes: QTH, serial number, power class, year first licensed
Texas QSO Party: QTH, name

There should be no argument that the Celsius temperature exchange for the mid-winter Minnesota Frostbite Falls Beach Party takes the prize for the most creative contest exchange from the list. I d suggest leaving all contests unchanged which require no signal reports. All other contests, most especially the majors sponsored by CQ, ARRL, RAC, RSGB, JARL, etc., could replace the signal report with something else.

3. Missing from any contest exchanges that I know about is any information about antennas. In the NCJ article I wrote: "If there is one aspect of the radio art that hams love to fiddle with, worry about, debate over, and dream about, it s antennas. From the point of view of the other station, the receiving antenna at your end is especially interesting. If I learn from an operator in Newfoundland that she is

receiving my 5-W CW signal on 15 meters through a ground-mounted quarter-wave vertical, that s incredibly good news. If she s using a 6-element monoband Yagi up 50 meters, I won t be so surprised." (p. 6) I suppose the reason that contests leave out that information is that nobody has come up with a way of describing an antenna which is pithy enough to fit into a contest exchange. In the NCJ article, I sketched out some possibilities. I ll leave those off now and offer some guidelines.

THE CHALLENGE

You are invited to devise a system which describes a radio antenna using two and only two alphanumeric characters. These two characters can then be used in place of either RS or RST reports in contests and DX operations using any operating mode. Participating stations need to change the 2-character code only if antennas are changed.

Here are some variables which you may want to consider when inventing your antenna coding system:

HEIGHT ABOVE GROUND, perhaps measured in wavelengths or decameters (tens of meters)
FORWARD GAIN in decibels, or perhaps bels for VHF and above
FIXED versus ROTATED
POLARITY
GENERIC TYPE: dipole, longwire, Yagi, ground plane, parabolic dish, quad, rhombic, cage, lens, rubber ducky, half-square, curtain, etc.
NUMBER OF ELEMENTS
LENGTH OF DRIVEN ELEMENT, perhaps measured in wavelengths

Obviously you cannot encapsulate all of those variables into a 2-character code. Choose what you think is most universally applicable to amateur operations and go with it.

You may choose to reply directly to:
n7rr@hotmail.com
or post your responses to:
qrp-l@Lehigh.EDU

Thanks and 72/73,
Bruce Prior N7RR / VE7HR
ex-TA2ZO ex-EY8RR
PO Box 4472
Blaine, WA 98231-4472 USA

Get Your Private, Free Email at http://www.hotmail.com

Date: Tue, 10 Nov 1998 20:42:37 +0000
From: Ed Loranger <we6w@qsl.net>
To: "Curtis D. Levin" <kd4zkw@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24742] Re: Your Bazooka Antenna design.
Message-ID: <3648A53D.71B2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Curtis D. Levin wrote:
>
> I was reading up on the bazooka antenna you put together for
> 40 meters, I think it was. I was wondering, what exactly
> are the differences between that and a regular dipole ?

Actually, a dipole constructed of the shield of the coax and
similar wires at the end to complete the length should be
nearly identical in pattern and efficiency AT resonance.

The bazooka match sections adjust the feed impedance when the
antenna is OFF resonance. So although never as efficient as
a fat resonant dipole at individual frequencies, the bazooka
matched antenna allows use across a large portion, or the
entire band, without needing a tuner. (Acceptable VSWR achieved.)

>
> I am interested in brewing up a decent antenna for 40,
> and I have alot of room, but I also have 3 wires running
> across the length of the backyard. I looked at the arrl
> skyllop, but don't know if I can get it high enough, or
> quite big enough. The house is 34 feet square. Would
> a bazooka be usable in a similar config, with just say
> two legs at 90 degrees ?

Well, it is a balanced antenna, I would expect all efforts be
made to keep the affects of surrounding ground and objects at
a minimum.

BTW, I'm no expert on this, but I have sufficient time with
this antenna, building it, and operating it.

Anything you can do with a dipole of the same size, i.e. wire
diameter in a dipole, is applicable.

GL.
-Ed
>
> Curtis D. Levin   kd4zkw.ampr.org [44.98.2.22]
>   kd4zkw@amsat.org   QRP-l #1488
>   http://dialisdn.net/user/cdlevin/

--
72, Ed WE6W (CW only/VP-0); http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Tue, 10 Nov 1998 20:41:21 +0000
From: wd3p@juno.com (Larry Cahoon)
To: adams@ticnet.com, qrp-l@Lehigh.EDU
Subject: [24743] Re: November Sweepstakes - Another Perspecitve
Message-ID: <19981110.204406.4718.2.wd3p@juno.com>

On Tue, 10 Nov 98 11:27:38 -0500 Chuck Adams <adams@ticnet.com> writes:

>
>If you send the wrong senction, I think you need to
>enter you log to the ARRL as you sent it. This will
>keep the other guys from have "busted" Qs, i.e. if
>you change your section then the ARRL discounts
>their entry for you.

This raise the interesting question of how well can logs be checked. Five
or six years ago I saw a short list of QSOs that were disqualified in a
contest and the reason give for deleting them. I looked at the list and
for most of the contacts I was certain I could see easy ways either party
could have made the mistake - yet only one was blamed.

Take the serial number. One QSO got cut because the fellow copied the
wrong serial number - he was off by one. Well, I know I've made that
error on the sending end. If caught, it's noted in the log I send in. But
what if it's not caught? He gets the blame for busted QSO, I get credit
for the QSO since I got his information correct, and I was the one who
was wrong.

My biggest fear when I entered my first contest was getting a log
disqualified for too many errors. It seemed like the height of
humiliation. Never had it happen.

Someday I might just volunteer to help out on checking methods if they let me. They usually don't want to tell you too much of what they do as some could use that to circumvent the log checking. I do think good feed back to the participants of the inconsistencies in the logs would help improve contesting skills.

73/72 de Larry.....WD3P

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 12:55:39 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [24744] Fox: Tuesday night -- final notice!
Message-ID: <1a7701be0cec$7bdeb280$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tonight I will be your humble fox! I have my
shoulder pads, helmet, and other safety equipment ready, so jump into
the pileup! I'll be somewhere at the bottom.

UTC date/time   11 November 1998   0200Z

PST date/time   Tuesday Nov 10   6:00 PM to 8:00PM

callsign   K1MG

Rig will be a Kenwood TS570D running a little under 5 watts to a 2
element yagi or G5RV. QTH is Saratoga, CA

Target starting frequency 7.037 MHz

In accordance with this year's rules, I will not be operating split;
HOWEVER, I will make full use of my RIT. So spread out a bit and time
your calls carefully.

Please send your call only once each time, so I can fit as many hounds
into two hours as possible. Remember, LISTEN, LISTEN, LISTEN.

Hope to be caught by every one of you! See you Tuesday night.

Mike K1MG

Date: Tue, 10 Nov 1998 16:32:41 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Chuck Adams <adams@ticnet.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [24745] Re: Sweepstakes comments
Message-ID: <Pine.3.89.9811101655.A5987-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Nov 1998, Chuck Adams wrote:
>
> We apologize for the beating that you took several
> seasons ago on the reflector. :-) I understand the
Hi Chuck, I never was quite sure if that "Impeach N4BP" was meant as
humor or not, but I thought it was kinda funny. As I recall, no one
flamed me about my QRO activity in some of the major contests...
>
> three or four replies back to back. It's funny to
> look up at the clock and see that you've only
> been calling 45 seconds without a reply and it
> seems more like 3 mins have gone by. :-)
Sure know what you mean! I thought I had gotten off to a horrible start
and then realized at the end of the first hour I had 90 in the log,
matching my best hour in recollection.
>
> Thanks for the Q during the contest. As my log is
> in limbo right now I can't say what band or who I
> worked right now. It's all a dream right now. More
> like a nightmare.... :-)
Thank you also, and all the others on QRP-L who are in my log. When I
get a chance, I'll go through the log and see how many "Q"'s are in
there. Let's see, will the DOS Edit pgm in search mode ID them from my
computer log? There are 1360 Q's in the log and I can't look through
them all and try to make a tally...
>
> The list went into a moderated mode again until the

> flame wars die. Period.
Sure clogged up my mailbox. My delete key is still taking a beating.
>
> I and others can understand the quest. And I did
> see the Ameritron in the picture on the web page.
> I figured it wasn't being used as a paper weight.
Naw, it's only used to heat the shack on these cold SFL nights!

       73,

                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
                Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
                       Brass Pounder BBS: (954) 472-7715

Date: Tue, 10 Nov 1998 16:37:52 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [24746] last post on the book "   RIDE THE AIRWAVES WITH ALFA
  & ZULU"
Message-ID: <3.0.5.32.19981110163752.007bfc80@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok, I now have enough orders for the book to be $9.95 per copy. This is the
last call on the list.
If your intrested, please send me an E-mail msg to whowell@mail.hq.nasa.gov
and your order will be noted.
The cost will be $9.95 plus $3 for priority mail or $1.75 for book rate. I
know I shouldn't give this option, but will do so. However, let me note
that priority also will keep me from having to build a box to put your book
in. I don't want to get into buying padded envolopes etc. if I don't have
too.
So, last post from me on the matter. I really want to get the books in and
out to you before the Holiday season get really into full swing and the
Post Office becomes a zoo.
If you live in Maryland and would like to pick your copy up from me; I'll
make a sched with you.

Also, one final point. If you do change your mind and decide you want a
book I am guessing that from today it will be 2 or 3 weeks for checks/mos'
to meet my grubby paws. So, you'll have that time to make the last

decision. Well pse contact me first to be sure the order didn't already go in.

tnx much all for the bw es 72/73
Scott/n3byy
Laurel MD
Fists #5030 Qrp-l #1689

Date: Tue, 10 Nov 1998 21:43:37 +0000
From: Ed Loranger <we6w@qsl.net>
To: Stewart Whitehouse <ke4yh@email.msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24747] Re: Tuning Forks trade and Res. Spkr project.
Message-ID: <3648B389.27F0@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I absolutely appreciate all advice on purchases.

I'm sure our local music store has them. On the net
I found $5.00 each.

The problem is I Have ZERO cash. Mom just paid part
of the water fees as an early xmas present. So we
have water again -- Yes!

It was kinda eventful watching the kids rinse with juice after
brusing their teeth. :)
But that is corrected as of 5 minutes ago.

Sorry, but this OM be homebrewing for a real reason.

Builds character. An I are one. <vbg>

Thanks to all. No need to follow up anymore. I'll find
another way to work on the musical pipes for the school.

(Trying to build boom pipes to donate to elementary school
music program.)

Thanks all!
--
72, Ed WE6W (CW only/VP-0); http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Tue, 10 Nov 1998 15:03:23 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com
Subject: [24748] FOX: N1FN Log for 11/6 (final?)
Message-ID: <199811102200.PAA28831@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

There were a couple typos to be fixed but the only call that
was "changed" was to correctly add /M to K5OI (I'd copied it
but misunderstood) [g]. Count is unchanged at 94 (3 in OT).

It's possible that those who read the L in digest form may
point out another typo or two, but I've proof-read the log now
and it looks right.   So I'm calling this one "final" ... for the
time being [g].

Again, thanks to all!

73
Marshall

Fox Log for N1FN 0300-0500Z 06NOV98

0300	VE5RC	559	SK	BRUCE	886
0301	N6XU	599	CA	STAN	66
0303	AA0ZZ	589	MN	CRAIG	1238
0304	KI0II	599	CO	RON	928
0305	NC7X	599	UT	?	1729
0306	AK7Y	599	AZ	GREG	1693
0307	KD7AEE	599	UT	OG	1706
0309	K8CV	559	MI	WALT	935
0310	K0EVZ	589	ND	DOC	861
0312	KB0PTE	559	MO	WAYNE	1058
0313	KU7Y	579	NV	RON	17
0314	KC0EGC	599	MO	JACK	5W
0315	KB0YTK	599	CO	VINCE	1283
0316	K50I/M	559	NM	TIM	73
0317	K1MG	579	CA	MIKE	614
0318	WE6W	559	CA	ED	1068
0319	N5JKY	559	OK	MIKE	300
0321	WB8RCR	559	MI	JOHN	1446
0321	N5JI	569	TX	DICK	1054

0325	K2VCO	579	CA	VIC	725
0326	NC7J	599	UT	JF	5W
0327	WJ7H	559	UT	WAYNE	481
0329	NQ7X	559	AZ	FLOYD	343
0332	W5TB	559	TX	DOC	673
0332	W8RU	599	MI	RON	188
0333	WS4S	569	TN	CONARD	993
0335	WJ1R	559	CO	LARRY	5W
0335	W0KUC	579	MO	MARVY	690
0336	K5ZTY	559	TX	BILL	473
0338	N0AR	559	MN	SCOTT	1455
0339	W5TFB	559	TX	JACK	282
0341	KG0PP	599	CO	JIM	5W
0342	N9KW	599	IL	JOHN	1257
0342	WS8D	559	MI	MIKE	1188
0345	KI7MN	559	AZ	BOB	271
0347	AE2T	339	NY	AL	166
0348	AF5Z	559	TX	BOB	984
0349	AB7CE	559	MT	ROY	4W
0351	N1TP	579	FL	TOM	1317
0354	W0CH	599	MO	DAVE	618
0355	KS4L	579	AL	RANDY	468
0356	W4DEC	569	AL	LARRY	1045
0357	KQ5U	559	TX	TERRY	1603
0358	KK5LD	599	TX	DAN	5W
0400	AB0CD	599	CO	DICK	483
0401	W5FN	559	TX	TIM	586
0402	N5TW	559	TX	TOM	1484
0403	K5JHP	559	TX	BILL	825
0405	KC1FB	559	CT	JIM	29
0406	KF4KSM	559	FL	MAC	704
0407	AC5II	449	OK	DON	264
0410	AI4CW	599	AL	DON	1670
0411	W0HEP	599	CO	RICH	5W
0412	N2CQ	579	NJ	KEN	399
0413	W5JAY	599	AR	JAY	1201
0414	W0CQC	599	CO	ELAINE	5W
0415	W8SFF	559	MI	STEVE	1288
0417	AB8DF	559	MI	ED	1446
0418	WA8GHZ	559	TX	JACK	619
0419	KA8OKH	559	KY	RICH	933
0420	VE3ELA	559	ON	KEN	1226
0421	VE3JC	559	ON	JOHN	744
0422	KM6SE	559	CA	RON	5W
0424	K8ZN	559	OH	DOUG	1724
0425	N7MFB	579	WA	BILL	715
0426	KD5CMN	559	TX	MIKE	1328
0427	K1OJ	559	TX	OJ	732

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0428 W5YR      579  TX    GEORGE    1373
0429 N4ROA     559  VA    DAN       970
0430 K7TQ      559  ID    RANDY     102
0433 N2ZHY     459  NJ    DAVID     2W
0433 N2SMH     599  CA    DAVID     74
0434 W5HNS     579  TX    HENRY     178
0435 NZ4E      449  VA    JACK      184
0436 N9DD      559  IN    TOM       32
0438 VE6EWM    569  AB    EARL      1076
0438 KF2PH     539  NY    NICK      13
0441 N8VZU     559  OH    DAN       1404
0445 WB9LKC    349  WI    RAY       8
0445 KB9IUA    559  IL    KEVIN     384
0446 N0OCT     559  MO    WIM       1W
0449 KK5LED    559  TX    DAN       5W
0449 KK5WL     559  TX    GARY      330
0451 W4PJ      339  VA    SCOTT     1585
0554 VE2KN     559  PQ    JIM      103
0554 KB7MBI    599  WA    ALAN      1200
0555 KG7PV     559  OR    STEVE     109
0557 N7CQR     559  OR    DAN       502
0557 W2UX      449  SC    GARY      593
0559 N2TO      559  NY    KEVIN     212
0559 AB7MY     559  AZ    GARY      571
--ot--
0601 N3YSI     559  PA    PAUL      3W
0603 KL7IXI    559  WA    MIKE      1186
0604 KA5OVS    559  CA    JIM       63
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Date: Tue, 10 Nov 1998 17:32:32 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org,
towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [24749] SCV 2nd installment
Message-ID: <Pine.GSO.3.96.981110172922.17896A-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since the 2nd installment of the SCV series (on Delta loops used as SCVs)
has now appeared in NCJ, I have made it available on line as well at my
site. It is in the "Lower Band" section of the main index, accessible
from the SCV index.

I hope it is useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
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(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html

Date: Tue, 10 Nov 1998 23:49:54 +0100
From: "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
To: "Bill d Lazure" <n2tpa@juno.com>
Cc: "qrp-l list" <qrp-l@lehigh.edu>
Subject: [24750] SV: SV: miniR2 and R2 phase shifter
Message-ID: <199811102303.AAA14917@mb07.swip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

[From SM6LKM]

Bill d Lazure wrote:

> Now to the harder part. I understand how each individual phase
> shifter works, but is there one formula that tells how a chain of =
three
> series filters work together? I'm assuming that the first in the =
chain
> will shift 0 - 180deg with it's center freq at 90deg, then the next =
one
> in the chain will shift what it is passed another 0 - 180 deg with 90 =
at
> it's Fc, and the third does it's thing with the phases it is given. =
At
> the output, you get a group of frequencies that have been phase =
shifted
> three times. Other than at the three Fc's, how do you know how much =
each
> individual frequency has been shifted to determine the resultant =
"band"
> that will end up shifted 90 deg.?

As I wrote earlier, the phase shift of a single stage is:

2 * arctan (2 * Pi * f * R * C)

The total phase shift of a number of series connected stages is simply
the sum of the phase shifts of the individual stages. The phase =
difference
between the two chains should be as close to 90 degrees as possible.

Let R1, C1, R2, C2, R3, C3 be the R's and C's of the upper chain and
R4, C4, R5, C5, R6, C6 be the R's and C's of the lower chain. (R's and =
C's
at the + inputs of the OP-amps). F is frequency and Pi is 3.141592654...

Phase shift of upper chain is P1:

P1 =3D 2 * (arctan (2*Pi*F*R1*C1) + arctan (2*Pi*F*R2*C2) + arctan =
(2*Pi*F*R3*C3))

Phase shift of lower chain is P2:

P2 =3D 2 * (arctan (2*Pi*F*R4*C4) + arctan (2*Pi*F*R5*C5) + arctan =
(2*Pi*F*R6*C6))

We want P1-P2 to be as close to 90 degrees as possible.

72 de Johan, SM6LKM

Date: Tue, 10 Nov 1998 15:37:06 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Bruce Prior <n7rr@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [24751] Re: Antenna Contest Exchanges: An Invitation (long)
Message-ID: <Pine.SOL.3.96.981110153035.26788A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bruce,

Interesting idea but.....

I doubt that it would "fly" in the old, established
contests because that would throw out all the old
records!

No one could compare this contest results with one
in the past.

Kind of like changing the shape of a ball field, or
going to 80 or 120 yards on a foot ball field. Nothing
from the past records would be valid.

But it sure would work in new contests.

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 10 Nov 1998 16:45:36 -0700
From: Dick Schneider <rschneid@ix.netcom.com>
To: mgemm@mtechnologies.com, CQCLIST <CQCLIST@mtechnologies.com>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [24752] Re: FOX: N1FN Log for 11/6 (final?)
Message-ID: <3648D020.F7BABDF6@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just ran a quick analysis of Marshall's FOX log...31 states and 4
provinces, in 2 hours. Not bad (includes the overtimers). I think I
logged 39 states and zeeeero provinces in SS! Many more hours.

72 Dick AB0CD..

Date: Tue, 10 Nov 1998 14:51:36 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <hugo@banet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24753] Re: The 'ol 10m Sierra output problem
Message-ID: <199811102357.SAA23014@fh106.infi.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Marty,

I'd say you have some basic problem with your rig, rather than needing a mod. My Sierra was an early model, and it had generally low power output on all bands. It did get over a watt on ten meters, though.

If you get over 2.5 watts on 40 meters, then the problem is probably with the band modules.

On the higher bands, the modules are very touchy to tune. I would not vary too much from the recommended number of turns on the output filter inductors, L5 and L6. More power can be squeezed out by modifying these inductors, but doing so risks changing the balance of output frequencies. In other words, you may get more power, but it may be in the form of a parasitic oscillation or a harmonic of the frequency you want. This is particularly true of 10M. The windings have been changed several times with the refinement of the rig, so I'd be sure that I had the latest info from Wilderness Bob. Then, if possible, I'd measure the inductance to be sure it was close to the design inductance. The powered cores vary some, so this could be source of a problem.

One suggestion: Check the trimmer capacitors on the TRANS and PREMIX sections of the module. If any of the four have their screwdriver slots parallel to the length of the module, you are at one end or the other of their range, and not able to tune properly. On one or two of my modules, I added a small parallel capacitor to the board side of the trimmer to increase it's capacitance. I also bought smaller value trimmers and replaced the stock trimmer capacitors on the higher Frequency modules. This made them less touchy to adjust.

I've made most of the power mods to my Sierra and now get at least 4.0 watts on most bands. I did the above work before making power mods, however.

Hope this helps.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> From: Hugo W. Catta <hugo@banet.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: The 'ol 10m Sierra output problem

> Date: Monday, November 09, 1998 6:52 PM
>
>
>
> Marty Watt wrote:
>
> > The 10m output on my Sierra is on the order of 150mw. The 15 and 17 m
modules
> > I can get to 1w (very carefully) and the 20-80 are on the order of the
spec
> > 1.5-2.7 watts. This is running off of 12.6V (Battery).
> >
> > In reviewing the "mod files" out there, there seems to be some debate.
All
> > agree that messing with the toroids in the band module will resolve the
> > problem. Some indicate taking two turns off of L5 and adding them to
L6.
> > Others suggest adding two additional turns to L3 and L4. Because most
are
> > also changing the PA, I'm confused. Too many variables to see if
playing with
> > the toroids really makes any difference in peaking the TX caps.
> >
> > I don't want to change the PA -- so which option is best for me? I
already
> > have a J310 and a ferrite bead on the base of Qwhatever. I'd like to
push 15
> > and 17 up in the 2W range, and bring 10m along to at least 1W,
hopefully
> > 1.75W.
>
> I'd say you are pretty much there in power out for a 12.6vdc PS
> Wihtout changing the 2n3553, the only solution is to increase to 18vdc. I
made the
> NTE342 mod because I mostly use it with batteries. The price to pay is
about double the
> current in TX but still around 60 to 65% efficiency.
>
> 72,
> Hugo
> CX9AAK/W2
> www.qsl.net/cx9aak
>
>
> >
> >
> > Thanks for help!
> >

> > --
> > 72 es 73 de Marty, KM7W
> > _____
> > Memphis, Tennessee http://home.earthlink.net/~mwattcpa
> > NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55
> > CODE WARRIOR ? #29 - Mobile CW Operator - "Taking Code on the Road with a Vengeance"

End of QRP-L Digest 1272
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